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WHERE TO BUY

1961

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TWENTY-SEVENTH ANNUAL REFERENCE ISSUE

THE NEW... *ALL NEW* STAR ELECTRIC POT

There's a bright new star in the famous Star line . . . a superior, dependable, electric pot which offers many unique features, and which will provide your Linotype or Intertype with long and continuous service.

The crucible has both a regular and a "stand-by" heater. When required, this heater is immediately thrown into operation and will maintain proper heat. Later, the regular heater may be replaced quickly, without removing the jacket cover or disturbing the crucible.

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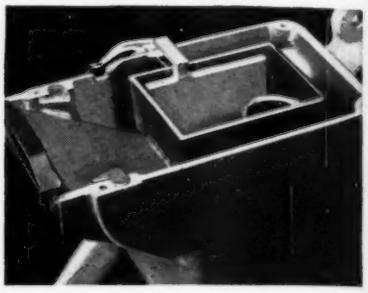
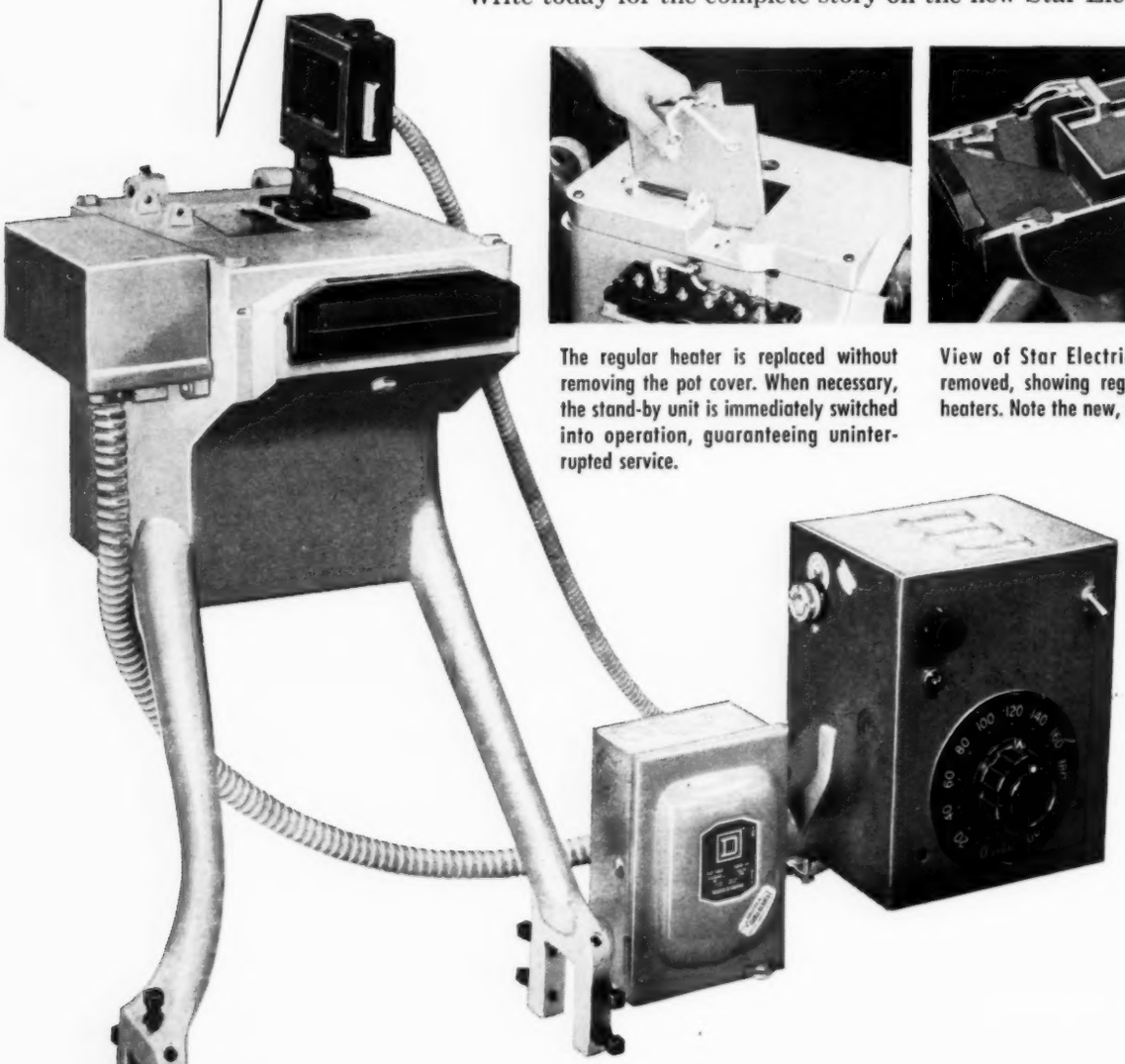
The all-new Star Electric Pot is complete and ready to operate. It includes all controls, switches, and heaters. Throat and mouth temperatures are controlled by a special unit which delivers only the voltage necessary for proper heat level.

The regular heater is replaced without removing the pot cover. When necessary, the stand-by unit is immediately switched into operation, guaranteeing uninterrupted service.



View of Star Electric Pot with cover removed, showing regular and stand-by heaters. Note the new, steep throat angle.



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WHERE TO BUY machines, supplies, tools and instruments for every production department in Graphic Arts plants may be found in the yellow pages of this issue. There are more than 100 pages of information on supply sources, trade names, paper and printing press specifications. Use this handy reference material throughout 1961 as a reliable guide in making your plant purchases. The new information added this year—on paper weight and thickness, common envelope styles and sizes, and litho paper troubles—should increase the value of the yellow pages to the reader. The alphabetical index of manufacturers, suppliers and dealers includes over 1000 companies that supply the printing industry.

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Sta-Hi Master Former
Sta-Hi Vacuum Flat Mat Former
Sta-Hi Auto-Vac Mat Pre-Dryer
Sta-Hi Finaltrim Curved Mat Shears
Sta-Hi Master Matcher (for color register)
Sta-Hi Master Trimmer (for color register)

PLATE PROCESSING EQUIPMENT:

Sta-Hi Twin-Plate Router (for curved plates)
Sta-Hi Master Router (for curved plates)
Sta-Hi Premier Rotary Shaver (for flat plates)
Sta-Hi Colormount System (for flat engravings)
Sta-Hi Colorpunch (for flat engravings)
Sta-Hi Router Bit Grinder
Sta-Hi "C-Thru" Router Bits
Sta-Hi Double-Page Matching Bits

MATERIALS HANDLING EQUIPMENT:

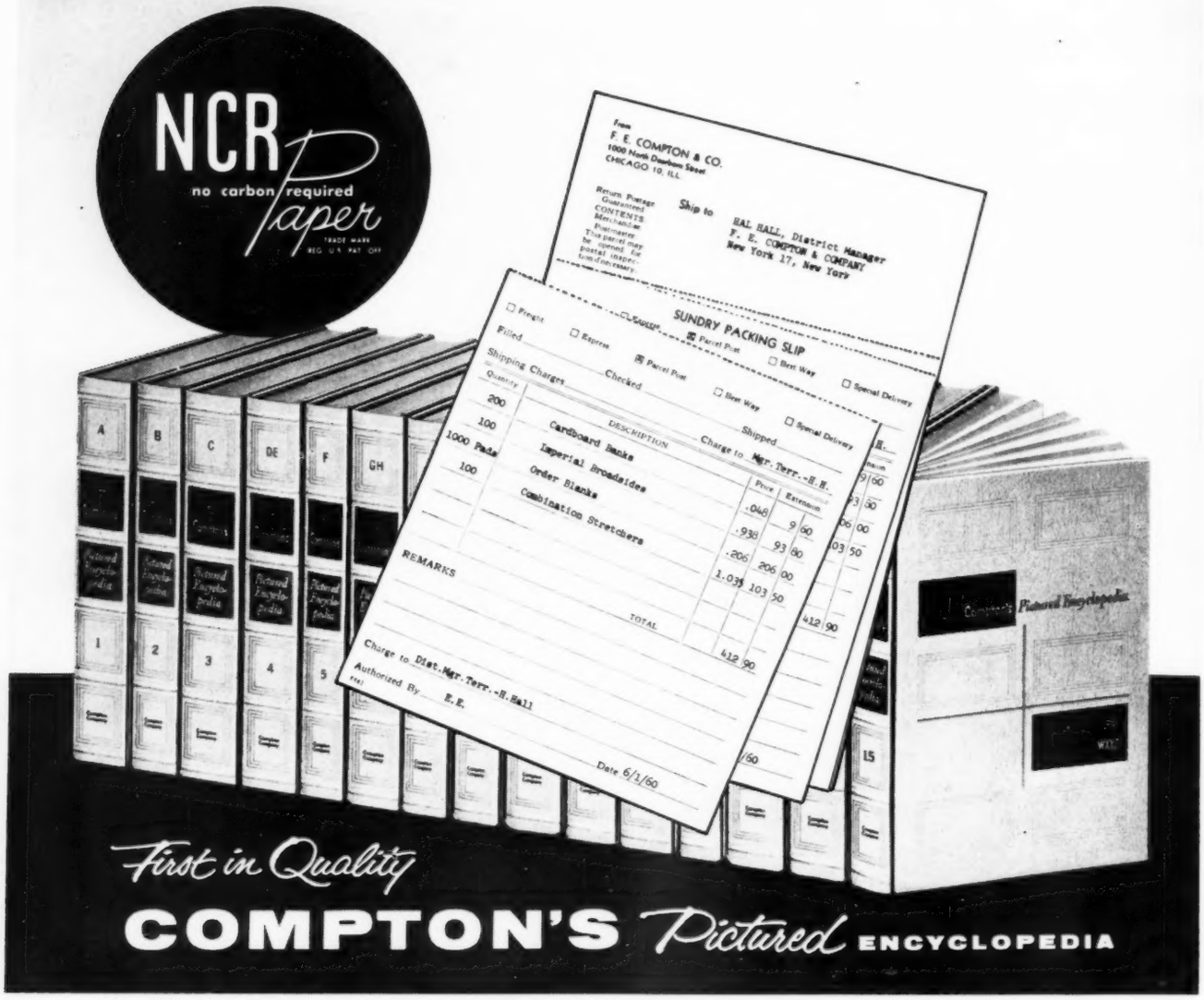
Sta-Hi Form File (for page forms, galleys)
Sta-Hi Mobilplate File (for stereo plates)
Sta-Hi Thermo-File (for stereo mats)

DIRECT PRINTING EQUIPMENT:

Sta-Hi CURV-A-PLATE
Sta-Hi MOUNT-A-PLATE

STA-HI CORPORATION 235 W. Washington Boulevard, Whittier, California

For More Information Circle 165 on Reader Service Card



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"With NCR Paper, there is no need to insert or remove carbons. Moreover, we get clean, clear copies every time.

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John E Blang Vice President, F. E. Compton & Company

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THE NATIONAL CASH REGISTER COMPANY, Dayton 9, Ohio

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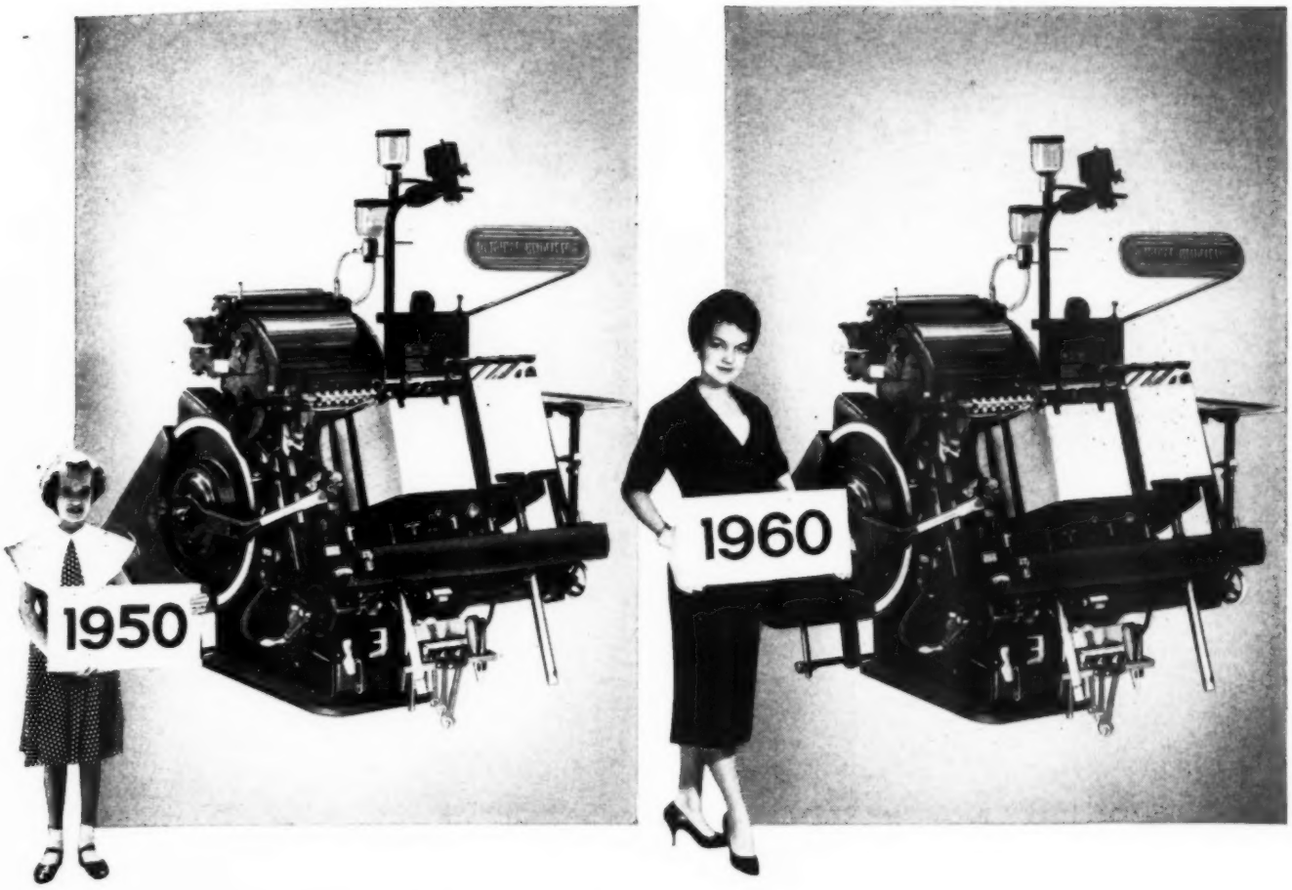

They look alike, but...

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As the young and younger lady proves—a lot happens in ten years!

When we introduced the Original Heidelberg Platen Press at the 1950 Graphic Arts Exposition, it revolutionized America's job press standards overnight.

We sold hundreds on the spot and thousands more in subsequent years for the very simple reason that overnight this press had made all other platen presses obsolete.

It was faster—far faster. More ruggedly built. Easier to set up, too, and the built-in wash-up alone saved countless hours. And there were many, many other exclusive features.

But productive as it was, it's no match for the '60 model. For over these years, our engineers have studied every improvement in design and materials that research developed. And they study them with one question in mind: Can it make the Heidelberg better? If so, in it goes.

But see the new '60 model for yourself – it's a more profitable performer in any press room. It is, in short, the ultimate in modern letterpress. Available in 10" x 15" and 13" x 18" sizes.

"Letterpress profits really begin when you 'put it on a Heidelberg'"

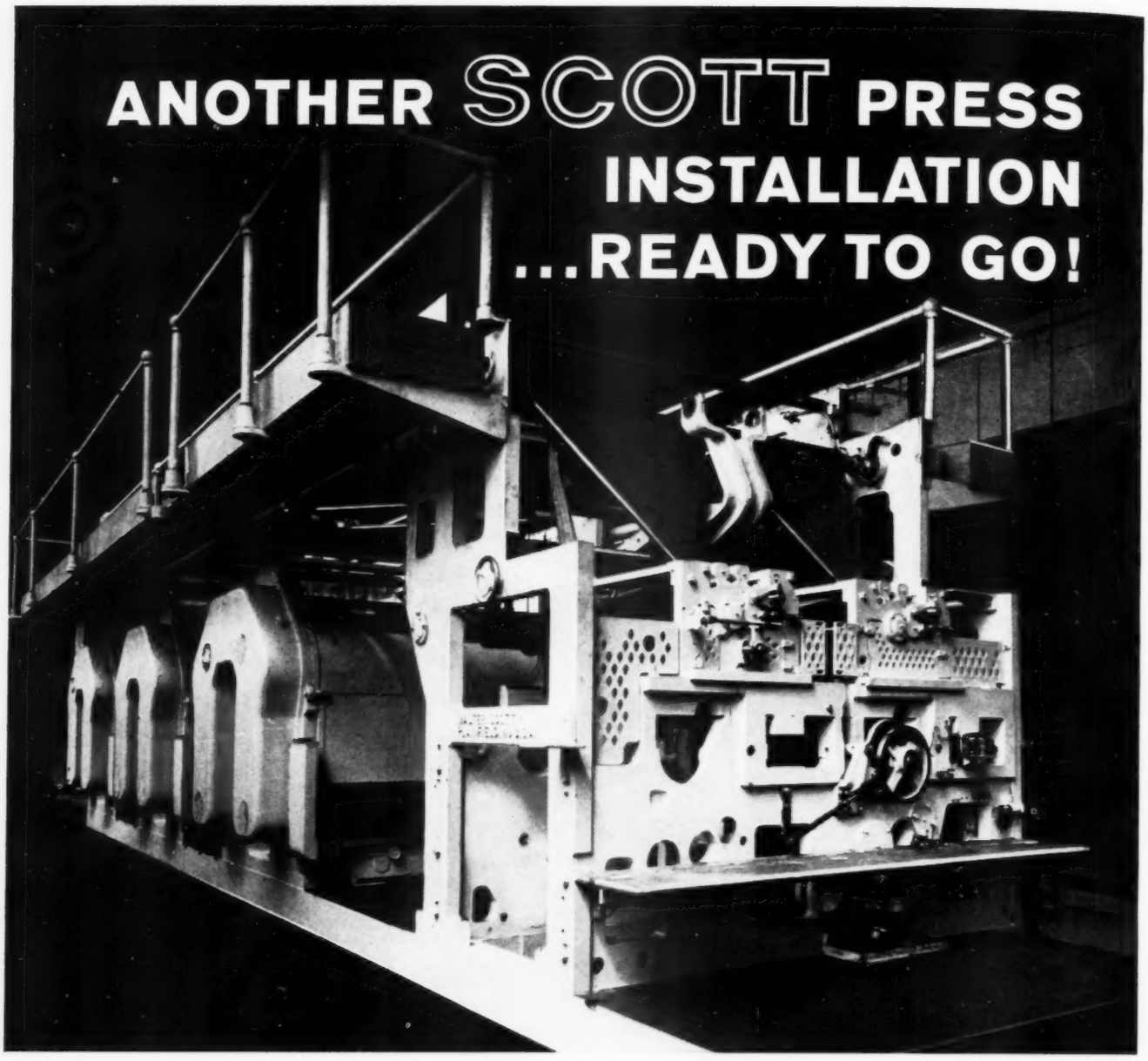
ORIGINAL HEIDELBERG®

HEIDELBERG SALES AND SERVICE NATIONWIDE

Glendale, L. I., N. Y. • Los Angeles, Calif. • Houston, Texas • Chicago • Cleveland • San Francisco • Portland • Seattle • Denver • Salt Lake City • Albuquerque • Phoenix • El Paso • Kansas City • Atlanta • Minneapolis • Washington • Richmond

New York City Display Room — 180 Varick Street

For More Information Circle 86 on Reader Service Card



Custom-built for the Bloomington, Indiana
Herald-Telephone

SCOTT press units serve the needs of newspaper publishers of every size . . . large, medium, small . . . with black and white and color equipment that meets every demand for high speed, *dependable* newspaper printing.

Every SCOTT installation is built to suit the exact needs of each user, with full understanding of today's requirements for flexible color, made available *economically*. If you plan modernization of existing pressroom facilities, by all means let a SCOTT engineer help you decide on the best way to solve your problem.

Herald-Telephone obtains flexibility of color with SCOTT equipment

3-unit Press and 3/2 ratio Folder, designed to print up to 48 pages. Equipped with single reverse drive and color plate cylinder which permits spot or multi-color up to 4 pages on straight runs (2-up) or 8 pages in collect runs.

SCOTT presses

WALTER SCOTT & CO. *EXECUTIVE & SALES OFFICE: 501 FIFTH AVE., NEW YORK 17*

DIVISION OF WOOD NEWSPAPER MACHINERY CORPORATION Plant: Plainfield, N. J.

BUILDERS OF PRESSROOM AND REELROOM MACHINERY AND EQUIPMENT SINCE 1875

For More Information Circle 156 on Reader Service Card

The New York Times

Has ordered
8 additional Metropolitan units
to augment the WOOD Presses
now operating in their
new West Side Plant

WOOD is proud to make the above important announcement

The WOOD Metropolitan Press Unit
Considered by many leading publishers
to be the world's finest newspaper press

IF IT'S Wood IT'S GOOD

WOOD NEWSPAPER-MACHINERY-CORPORATION
PLAINFIELD, NEW JERSEY • Executive & Sales Office: 501 Fifth Avenue, New York 17, N. Y.

For More Information Circle 237 on Reader Service Card

LETTERS

TO THE EDITORS

Welcomes Education Editorial

The warning to the printing industry and the sound advice to your readers expressed in your November editorial are welcome assistance toward strengthening the work of the Education Council of the Graphic Arts Industry.

Your comment on the changes at Carnegie Tech is emphatic, but it reflects an unfortunate misunderstanding of the actual developments. Carnegie needs a comprehensive report to the industry to correct widespread rumors. Prof. Kenneth Scheid, newly-appointed head of the Department of Graphic Arts at Carnegie, has reported to the Institute's alumni that management and Graphic Arts design are equally stressed as separate options of study. And the Carnegie printing laboratory continues with the restoration of the Laboratory Press for projects in fine printing.

This Association of Equipment Manufacturers has continued over many years its program of active support of the national educational program for the printing industry. We gather educational contributions from our members and forward a substantial check monthly to the Education Council, in addition to the maintenance of contact and cooperation with many schools. But the Council needs a much broader company membership among printers and publishers. Thanks for your help in that direction.

And every printing center needs the vigorous educational committee which features some of these cities. We hope you will continue that emphasis.

Harry L. Gage, Educational Advisor
National Printing Equipment Assn.
New York, N. Y.

Asks Recognition for Atlanta Direct Mail Houses

You did a fine job with the *Printing in Atlanta* section of the August, 1960 issue of PRINTING PRODUCTION. However, you omitted one important segment of Atlanta's printing industry.

Direct mail agencies and associated lettershops received no mention. While I have no accurate figures, the total tonnage of paper printed by these firms, including ours, would undoubtedly surprise many of the large printing houses.

Most of this work is done on smaller presses—both offset and letterpress—turning out thousands of impressions an hour, sometimes around the clock. Add it up! It's big in every city, and especially big in Atlanta.

Leon Barnett, Sales Mgr.
Fred Worrill Advertising
Atlanta, Ga.

Information Conference Info

Even though the Centralized Information Conference received considerable publicity, some persons who attended felt that it was "only by coincidence" that they learned about it. The following will help bring your readers up-to-date on the status of this project.

So far I have received 12 letters volunteering to serve on one of the committees. One company has agreed to contribute $300.

A lot of work needs to be done. We need to tabulate all of the sources of information and find out which organizations abstract or list them. We need to find out how comprehensive the coverage is and where there are gaps. We need to know where and how much duplication exists, and we need to explore ways to utilize existing services to reduce or eliminate duplication.

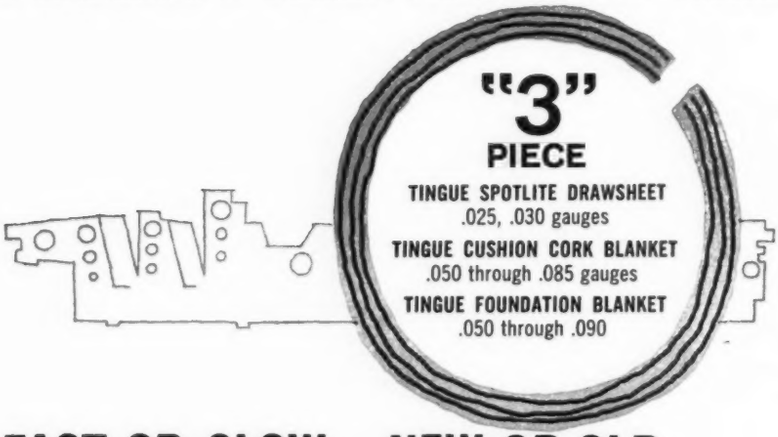
We need to know sources for financing services, and we need to know the individuals who want the services.

Finally, we should study ways to improve quality and amount of information available. This means we must know about the sources of information and the means of getting this information published.

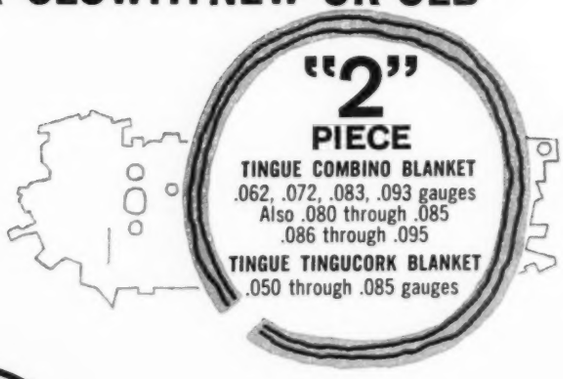
It is obvious that the task is large. It is also important. Printing technology

Printing Blankets

A COMBINATION OF BLANKETS FOR ALL TYPES OF PRESSES



FAST OR SLOW...NEW OR OLD



TINGUE
PRINTING PRESS BLANKETS

Write for Catalogue

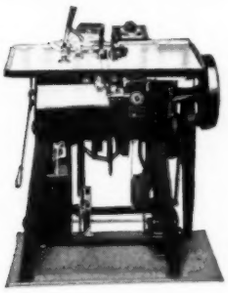
TINGUE, BROWN and Company

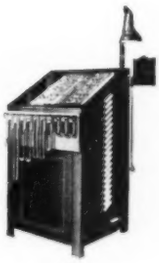
1765 Carter Avenue • New York 57, New York
1227 Wabash Avenue • Chicago 5, Illinois
723 E. Washington Boulevard • Los Angeles 21, California
507 Bishop Street N.W. • Atlanta 13, Georgia

SALES AGENTS THROUGHOUT THE WORLD
In Canada: Ross Whitehead & Co., Ltd., Montreal, P. Q.

For More Information Circle 173 on Reader Service Card

LUDLOW BRIGHTYPE ELROD

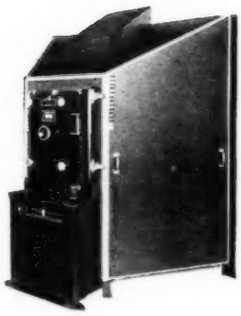




The Ludlow (at the extreme left) produces slugline composition from 4 point to 96 point, also ruleforms. Advertising figures and alphabets up to 240 point are cast as individual characters lengthwise of the slug.

The Ludlow Universal Matrix Cabinet (shown in center above) accommodates all sizes of matrices, particularly large sizes, in normal case arrangement. Supplied either left or right-hand pull.

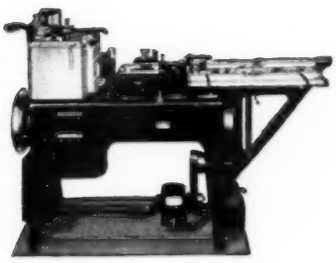
The Ludlow Standard Matrix Cabinet (shown at the left) meets most composing room requirements. Holds 20 cases; available in left or right-hand pull.



The Brightype (shown at left) method converts letterpress material into photographic images for offset, letterpress, rotogravure or other printing. Uses present typesetting facilities and gives excellent reproduction.

The Ludlow Supersurfacer (shown at the left) facilitates high-quality printing on any paper stock, reducing press make-ready. It trims a micrometric skin-cut from the face as it is fed through.

The Ludlow Shell-Hi Slug Shear (shown at the left) shears the Ludlow shank from the slug-head, converting it to a one-line plate for use with shell-cast stereotypes, and for corrections and additions.



The Elrod (shown at the bottom left) produces leads, slugs, rule and base material ranging in size from 1 point to 36 points. Elrod material is of uniformly high quality. Available with electric or gas crucible.

Ludlow Typograph Company 2032 Clybourn Avenue, Chicago 14

Set in members of the Ludlow Tempo family

For More Information Circle 107 on Reader Service Card

has begun to grow. From now on it will increase exponentially. The work we do now may seem somewhat important today, but it will have tremendous importance in 10 to 15 years.

Volunteer your services and your money. Encourage others to participate whether they attended the conference or not. If you wish, send your suggestions to me, and I will contact the company or individual.

Let's dig in and get this important job done.

Warren L. Rhodes, Head
Graphic Arts Research Dept.
Rochester Institute of Technology
Rochester, N. Y.

Charges Figures are Misleading

Crying wolf! Your October editorial may be written to promote "stick-togetherness" but is it really correct?

Darrell Huff's book, *How To Lie with Statistics*, almost covers your editorial. It is easy to compile a set of statistics to reach any hoped for result—including presidential elections.

Your figures of 53.19% for broadcast media, against 46.81% for printed advertising is entirely inaccurate because your figures are compiled from 11 leading ad agencies. Only the leading agencies can afford to buy up the time on national programs. And in many cases the agencies buy this time because it is easier to collect the full 15% commission than to take the "extra time and expense on printed advertising."

The in-between buyers of media change your figures entirely. According to the last report, end of 1959, here are the total media figures: Radio, $638 million; television, $1526 million; newspapers, $3517 million; magazines, $866 million, and direct mail, $1573 million.

In fact, radio and television is only about 20% of the total spent on advertising. Since 1947, all advertising has increased from $2400 million.

This changes your editorial entirely. However, your article is along the right track.

Maurice H. Annenberg
Maran Printing
Baltimore, Md.

Assorted Reader Comment

Having started in the commercial printing business only a year ago (after 75 years as a daily newspaper without a commercial department) we read avidly practically every article printed in your magazine.

Once I've read it from cover to cover, I clip it and send specific sections to key men in other departments.

The recent article on getting set up for photocomposition was of special interest to us, since we intend to do that as soon as possible. In short, we thoroughly enjoy your magazine—all of it.

Darrell L. Zink, Manager
Times-Tribune Corp.
Alexandria, Ind.

Your magazine is excellent and I think a must for plant owners—also for them to pass along to all personnel.

Elmer Axelson
Herman Typographers
Chicago, Ill.

I am a member of the Graphic Arts Research Div. of the Asahi Shimbun (Press). After reading the series of articles on Graphic Arts research by Dr. Marvin C. Rogers (Sept. 1959 to Feb. 1960), I realized that the meaning of the articles are very instructive to us as well as to the Japanese printing industry. I feel the keen necessity to let them read this series and seek permission to translate it into Japanese.

Michiteru Yamashita
The Asahi Shimbun
Tokyo, Japan

I anxiously await each month for PRINTING PRODUCTION's Idea File. We have gained several good ideas from this section of your magazine.

Sterlyn F. Stevens, Plant Fm.
The Daily Journal
Flat River, Mo.

ROBERTSON Photo-Mechanical Equipment for DYCRIL* Photopolymer Printing Plate Production

A complete line . . . proven in nation-wide installations

Robertson equipment for the production of photopolymer printing plates meets the highest standards of quality, operating efficiency, and economy. Every unit in the Robertson line is engineered and built with the characteristic care and attention to detail that has become a Robertson trademark.

The reason photopolymer printing plate producers are installing more Robertson equipment than any other, is that they recognize its many exclusive features can be measured in terms that count: *more profitable operation.*

If you are considering the advantages of photopolymer printing plates, investigate the Robertson line of equipment. It offers you more quality and production capability plus greater ease of operation.

*DuPont's name for its photopolymer printing plate

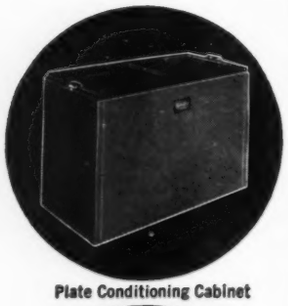
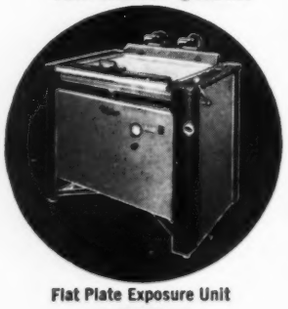


Plate Conditioning Cabinet


Flat Plate Exposure Unit

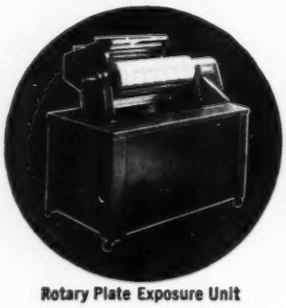
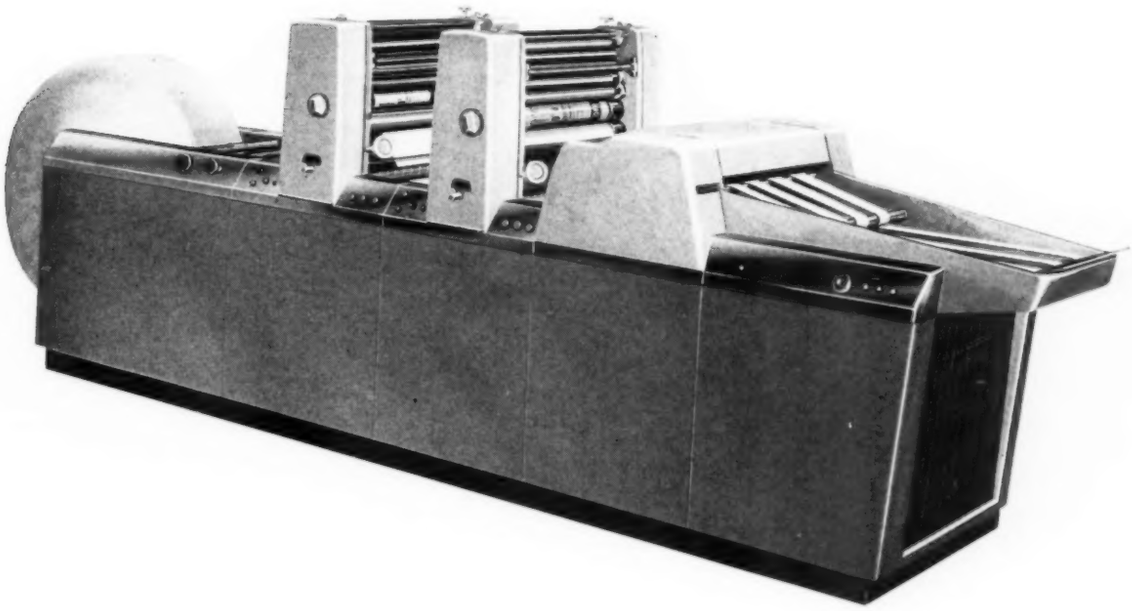

Rotary Plate Exposure Unit

Plate Wash-Out Cabinet

write for new catalog
describing the complete line of platemaking equipment.
ROBERTSON PHOTO-MECHANIX, INC.
7440 Lawrence Ave. Chicago 31, Illinois

For More Information Circle 155 on Reader Service Card

TANDEMER ROLL-FED OFFSET PRESS



PRINTS THE BULK OF YOUR JOBS!

Didde-Glaser's new roll-fed offset press prints a wide variety of work, and will outperform a small sheet-fed press 4 to 1.

It has the speed to handle long runs . . . the low-cost makeready to handle short runs . . . and the economy to make both profitable!

In fact, the Tandemer brings "big-press" performance into your shop – at half the price!

PRINTS THE BULK OF YOUR JOBS – AT HIGH SPEED!

- LETTERHEADS
- INVOICES
- STATEMENTS
- PRICE LISTS
- CATALOG SHEETS
- PURCHASE ORDERS
- SALES LETTERS
- ORDER BLANKS
- DIRECT MAIL
- INSERTS, ETC.

The Tandemer is modular in design . . . consisting of compact, self-aligning units that can be added or removed, according to job requirements. All units can be purchased separately.

For the business that makes up the major part of your volume, these units make up a "starter" set: one rollstand, one offset printing unit, one terminal cut-off unit, and one creeper delivery unit. Printing units, accessories, attachments are interchangeable.

INVESTIGATE THE TANDEMER TODAY! If you're looking for a low-cost, roll-fed offset press . . . with low on-press and operating costs – *Look into the Tandemer!* An inquiry on your company letterhead will bring a prompt reply.

Write: Didde-Glaser, Inc., Dept PP12, 50 Hiway and West 12th Avenue, Emporia, Kansas.

Didde-Glaser, INC
Emporia, Kansas

Designers / Manufacturers / Distributors of Graphic Arts Equipment

For More Information Circle 53 on Reader Service Card

Photocomposition in France

I read with interest your article about French and English printing in the October 1960 issue of PRINTING PRODUCTION (page 46). There is, however, a point I would like to mention. You stated that there is virtually no photocomposition in France while there may be eight Fotosetters and a like number of Monophotos in England. As a matter of fact, photocomposition does exist in France although, of course, in a limited number of cases.

The Photon machine, known in Europe as the Lumitype, is in production in Paris. The first one was installed in 1957 at the Berger-Levrault plant in Nancy in Eastern France. This first model was followed by five others which have been installed at the following Paris plants in the spring of this year: *Paris Match* (two machines), Typo-Elysees, National Printing Office, and Deberny & Peignot. Other machines are on order to be installed in other French printing plants in 1961.

The weekly magazine *Paris Match*, with over 1½ million circulation, is almost completely set on the Lumitype machine. The same machines are used for setting *Marie-Claire*, a monthly of similar circulation.

R. Higonnet
International Photon Corp.
Cambridge, Mass.

new 50-station collator

Fully automatic . . . unprecedented performance without the penalty of high price or space waste!

Announcing a new dimension in collating versatility, accuracy, speed and compactness — the all-new, completely automatic Rotomatic by Thomas Collator Industries, Inc. If you collate in volume, you'll want all the details on the Rotomatic's ease of total operation and multiple savings. For complete information and prices, without obligation, write today.

- Accurately collates, counts, staggers or stitches 25,000 sheets per hour
- Exclusive push button programmer permits different jobs to be run at same time
- Occupies only 17½ sq. ft. of floor space
- Loads in less than 7 minutes . . . no adjustments for vacuum systems, fans, weights, finishes
- Handles sheet sizes from 7" x 8" to 11" x 14" in most every weight and finish
- Offers more features at a lower price than any other collator on the market

Thomas Collator Industries, Inc.
Dept. KK4, 100 Church Street, New York, New York

For More Information Circle 240 on Reader Service Card

NEWS ITEMS

Kingsport Press Executive Changes—Walter F. Smith has been named chairman and chief executive officer of Kingsport Press, Inc., Kingsport, Tenn. Succeeding him as president is Edward J. Triebe, formerly executive vice president of the book manufacturing firm. Triebe is a past president of the Research and Engineering Council of the Graphic Arts Industry.

TRIEBE

BAILEY

To Manage Goodrich Print Department—William A. Bailey has been promoted from foreman to manager of the printing department, B. F. Goodrich, Akron, O. Bailey joined Goodrich in 1928 as a job press feeder. He has also been associated with Reserve Lithograph and Executive Press, Cleveland firms.

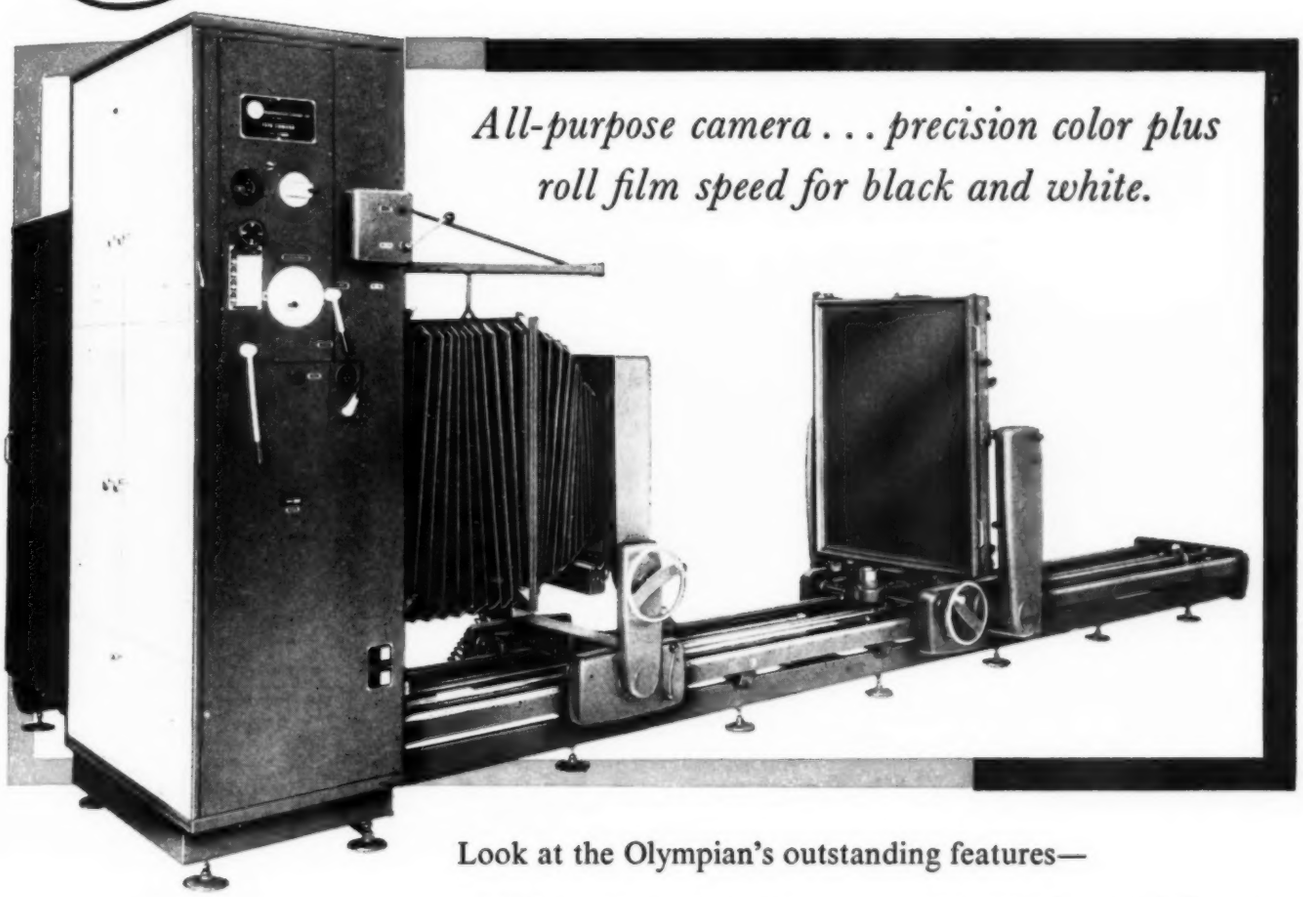
LPNA Label Division Elects Officers—Nathaniel Gamse, President of Gamse Lithographing Co., Baltimore, has been elected president of the Label Division, Lithographers & Printers National Assn. He succeeds Charles C. Rossotti, chairman, Rossotti Lithograph Corp., North Bergen, N. J.

Other officers elected were: Leo P. Blank, Stecher-Traung Lithograph Corp., San Francisco, vice president; W. S. Martin, Wheeler-Van Label Co., Grand Rapids, Mich., treasurer; Oscar Whitehouse, executive director of LPNA, secretary, and John A. Bresnahan, counsel.

Ludlow President Dies—Arthur H. Hedly, 79, president of Ludlow Typograph Co., died Nov. 14 in Wesley Memorial Hospital, Libertyville, Ill. Mr. Hedly has been president of the typesetting machine firm since 1930. He joined Ludlow in 1909 as a mechanical engineer.

William Feather Purchases Firm—William Feather Co., Cleveland, has purchased Layden-Hammell Co., Salem, O. According to William Feather, Jr., president, the newly acquired firm will be operated as an independent unit and will be managed by William E. Enyart. The addition of the Salem firm increases

CHEMCO OLYMPIAN



THE OLYMPIAN is designed to handle the most critical color work and also perform as a high speed, roll film black and white camera. Now in operation in lithographic, commercial and newspaper engraving galleries, the Olympian has proved its "double-duty" value.

Look at the Olympian's outstanding features—

- The first camera to dispense panchromatic roll film, eliminating hand cutting in total darkness.
- Magazine holds four rolls of film up to 30" wide.
- New exclusive vacuum back automatically controls vacuum to exact size of film to be exposed.
- Circular, rectangular and contact screen holders slide into dust-free storage compartment to left of camera box.
- Film and screen controls located on right side of camera.
- Motor driven vertical and horizontal movement of lensboard controlled from darkroom and lensboard.
- Motor driven transparency holder rotates for rapid truing up and superimposing. Controlled from both darkroom and copyboard.
- 3-point register system provides for independent positioning of color masks.
- Overhead light carrier eliminates vibration.

For full information and specifications on this new all-purpose camera write for "Olympian" brochure.

chemco

CHEMCO PHOTOPRODUCTS CO., INC.

Main Office and Plant—Glen Cove, N. Y.

Atlanta Boston Chicago Dallas
Detroit New Orleans New York

For More Information Circle 40 on Reader Service Card

Feather's lithographic production facilities by 15%. Paul W. Layden, who founded Layden-Hammell 14 years ago, is retiring from the company to devote full time to research activities.

Vulcan Rubber Names Representative—The appointment of Malcolm J. Magid as Southeastern sales representative has been announced by Vulcan Rubber Products Div., Reeves Brothers, Inc. In his new position, Magid will represent the line of Durofyne offset blankets in Alabama, Florida, Georgia, Mississippi, North and South Carolina, Virginia and parts of Tennessee.

MAGID

TYRREL

Named to Coordinate HCM Services—William T. Tyrrel has been appointed service manager of HCM Corporation. From his office in New York, he will be responsible for coordinating HCM service activities throughout the country. Prior to his appointment, Tyrrel was associated with Fairchild Graphic Equipment, Inc.

Ludlow Elects New President—Frederick Secord, chairman of the board of Ludlow Typograph Co., has been elected president of that company. He succeeds the late Arthur H. Hedly, who served as president since 1930. A prominent Chicago attorney, Secord also serves as chairman of the board of W. F. Hall Printing Co., Chicago. He is a member of the boards of the Chicago Rotoprint Co., the Art Color Printing Co. and the Central Typesetting and Electrotyping Co., all Chicago firms. Secord has served as Ludlow board chairman since 1947.

Illinois Firms Merge—The merger of Electric Eye Equipment Co. and Wheaton Engineering Corp. into Hurletron, Incorporated, has been announced by Thomas N. McGowen, chairman of the board of the new firm. The two merging firms are now divisions of the parent corporation. In addition to the division offices, Hurletron will maintain offices at 135 S. La Salle St., Chicago. The assets, personnel and engineering facilities of both merging firms will be combined in the new corporation.

SECORD

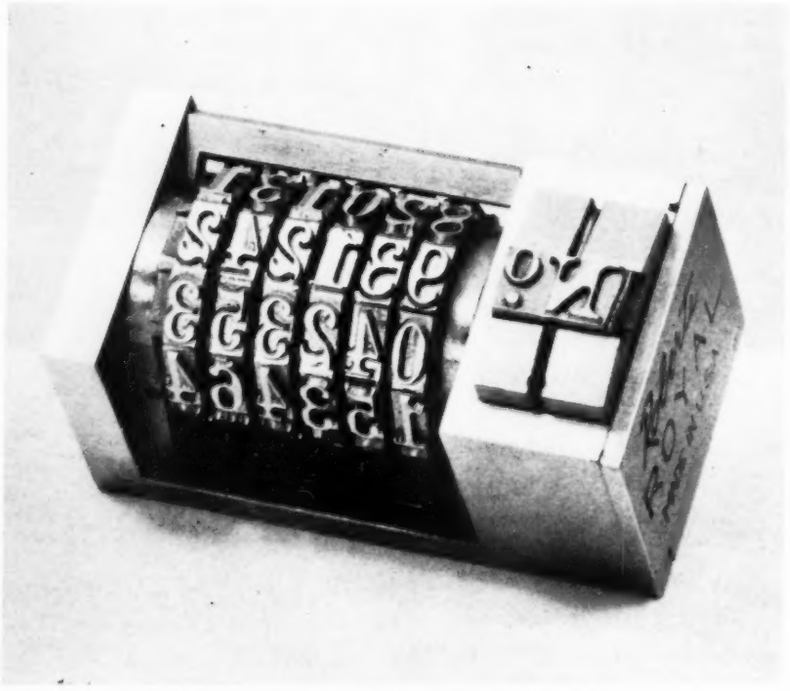
NIX

To Manage Bingham's Son Plant—John Nix has been appointed manager of the Atlanta plant of Sam'l Bingham's Son Mfg. Co. He succeeds John Webb, who is retiring after a 40 year association with the company. Nix formerly served the firm as a representative in the Florida area.

Goss Names Executive Assistant—Walter R. Gesell has been appointed to the newly created post of executive assistant of Goss Company, Div. of Miehle-Goss-Dexter, Inc. He will be responsible for special assignments given him by E. G. Morrison, vice president-administration.

National Publishing Executive Appointments—Richard M. Nash has been appointed vice president-finance and John C. Little, secretary-treasurer of National

ROBERTS (Since 1889) ANNOUNCES



This new and simpler type-high numbering machine looks familiar but is vastly different. You take it apart with fingers only, in seconds. (Patents pending.)

This great boon to flatbed printers, the Roberts Royal, was unveiled for the first time at the Printing Industry of America Exhibit.

When you want to clean the unit or change skip wheels you simply use your fingers to remove and replace wheels, wheel shaft and plunger. No screws are involved and no tools are needed.

Note the Tru-Lok Safety Bar to prevent over-riding of wheels. This feature can be added to all Roberts Royal models at slight extra cost, at any time.

Another advance is a more positive transfer of power from plunger to actuating swing, with resulting less wear and longer life.

As you would expect of Roberts, the new Royal type-high unit is as precise as a polished piston and as tough as the hardened tool steel of which all moving parts are made.

Write Roberts Numbering Machine Division, Heller Roberts Manufacturing Corp., 700 Jamaica Ave., Brooklyn 8, N. Y.

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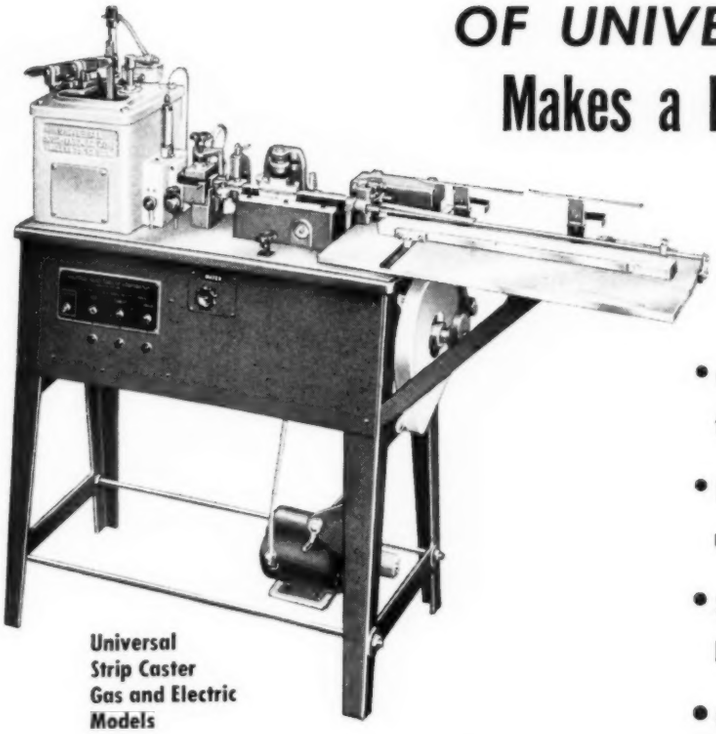
PERFORMANCE

OF UNIVERSAL EQUIPMENT

Makes a Powerful Sales Story



Universal
Strip Caster
Gas and Electric
Models

- Outproduces all others in both quality and quantity, speeding up production, make-up and distribution.
- Casts 2 pt. hairline as well as all other rule faces, free of nicks and weld marks.
- Easily casts 1 pt. twin leads; 2 pt. twin leads up to 100 lbs. an hour.
- Smoothly casts 18 pt. slugs up to 130 lbs. an hour.
- Casts ornamental rules.

Rule Cutter:

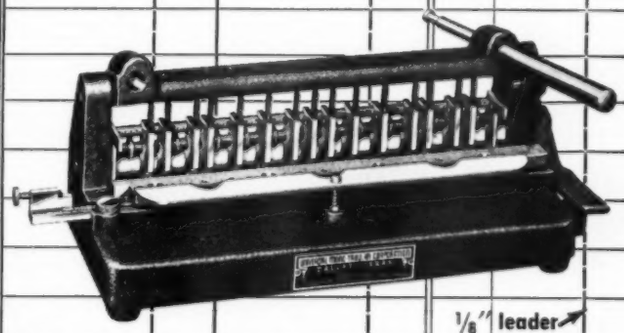
Adjusts in points to 100 picas, for cutting vertical rules and 2 pt. strip in notches used under heads. Faster and better than a saw for this work.

Knurling Tool:

Makes 1/16" and 1/8" dash leaders on vertical copper rules.

This form was composed using Universal Cast Rules, Honig Multiple Broach, Rule Cutter and Knurling Tool.

It's the World's	Most Practical System Yet Devised	For Rule Form Composition
Any form can	CUT ON THE RULE CUTTER	
be registered		
within two minutes,		
combining quality,		
speed and instant		
register. Just		
a couple of medium		
sized forms each		
month will pay for		1/8" leader
this broach.	Dash leader line cast on Universal.	



See Your Nearest Dealer

UNIVERSAL MONO-TABULAR CORPORATION

715 N. Central Expressway • Richardson, Texas

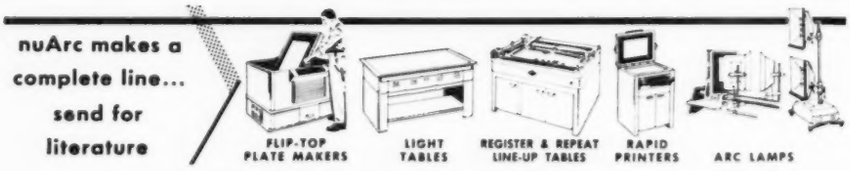
For More Information Circle 180 on Reader Service Card

Publishing Co., Washington, D. C. Previous to their appointments, Nash had served as secretary-treasurer for 33 years and Little had been assistant secretary-treasurer of the company. Nash is a former financial adviser of the Printing Industry of America.

St. Louis Firm Appoints General Manager—William A. Kindorf, Sr., has been appointed vice president and general manager of Simmons-Woodward, Inc., St. Louis, Sub. of Universal Match Corp. Previously, Kindorf had served as factory manager of the company. He has been associated with the printing industry for 40 years.

Lousin Named to New Sun Post—Max Lousin has been appointed rotogravure and flexographic national product manager of Sun Chemical Corp. According to J. S. Thome, vice president, Sun's Graphic Arts Group, the new post was created to meet increased demands from the expanding packaging industry. Lousin will make his headquarters in Chicago. Named as assistants to Lousin were Lewis R. Hawk and Sidney Shapiro.

Assistant Works Manager of Goss—Robert S. Hamilton has been named assistant works manager of Goss Company, Div. of Miehle-Goss-Dexter, Inc. Hamilton has been associated with Goss since 1948.



For More Information Circle 138 on Reader Service Card

LOUSIN

FLORIAN

Florian Named M-G-D Vice President—Paul A. Florian has been named vice president of Miehle-Goss-Dexter, Inc. Prior to his promotion, Florian was administrative vice president of the corporation's Goss Company division. In his new position, Florian will be responsible for coordinating the various product planning activities of M-G-D divisions and subsidiaries. Included in this area are market research, product development and corporate acquisition.

Plant Manager of Allentown Litho Firm—Joseph S. Rauscher has been appointed plant manager of Miers Lithographic Service, Allentown, Pa. Previously, Rauscher was associated with American Colortype Co. and Lord Baltimore Press. He has been active in the Graphic Arts for 17 years.

ATF Appoints Representative—Charles R. Becker has been appointed sales representative of the General Printing Equipment Div., American Type Founders Co., Inc. He will make his headquarters in Chicago and will cover the areas of Illinois and Wisconsin. Becker is rejoining ATF after serving as co-owner of an offset plate manufacturing plant and sales manager of a lithographic shop.

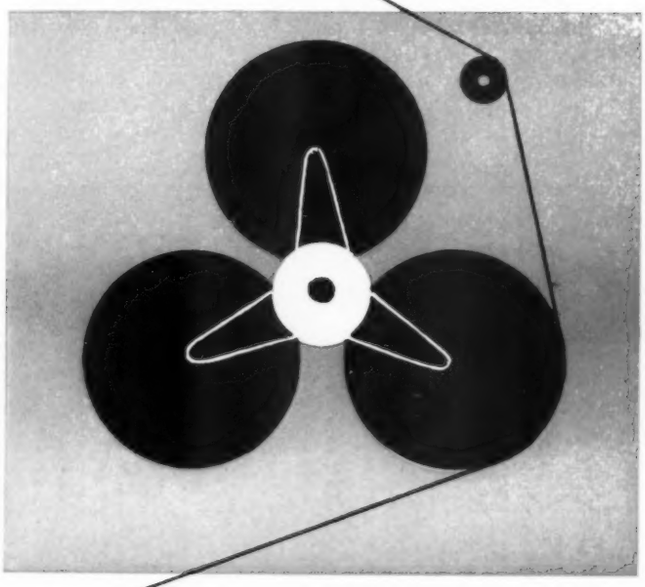
BECKER

NULL

Null Represents Ideal Roller—Hugh Null has been appointed sales representative of Ideal Roller & Mfg. Co. in the Illinois-Indiana area. He will make his headquarters in Chicago. Previous to joining Ideal, Null was associated with White & Wyckoff Paper Co.

Dewey and Almy Creates Post—Audley Clarke has been named to the newly created post of assistant to Russell L. Haden, vice president in charge of the Polyfibron Division, Dewey and Almy

U.S. WEB PRESS INKS



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SPECTROPLAN Newspaper ROP color inks, ANPA-AAAA approved, always strictly uniform in quality.

BRIGHT★STAR Quick setting inks for Web Offset and Web Letterpress operations without heat.

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Chemical Div., W. R. Grace & Co. Clarke will assist in planning programs for reinforcing and extending uses of polymer-fiber materials.

Named 3M Brazilian Sales Director—C. M. (Peter) Kroon has been named sales director of Minnesota Mining and Manufactureira e Mercantil, Ltd., the Brazilian subsidiary of Minnesota Mining and Mfg. Co. Previously, Kroon was sales manager of printing products for 3M's International Division. Succeeding Kroon in that post is Henry Hatch, former regional printing products sales manager in St. Louis.

Nashville Firm Appointments—Richard S. Tiffin has been named general plant manager of Baird-Ward Printing Co., Inc., Nashville, Tenn. Prior to his appointment, Tiffin served as plant maintenance engineer. He succeeds Russell Williams, plant manager since 1952, who has been transferred to the sales department.

Intertype's 'Cap' Mann Retires—Alden T. Mann, Jr., senior vice president, Intertype Company, Div. of Harris-Intertype Corp., has announced his retirement. Known as "Cap" throughout the industry, Mann's career in Graphic Arts spanned 35 years. According to Harry G. Willnus, Intertype president, Mann will continue to serve the company in an advisory capacity.

MANN

CURTIN

To Represent Wood Flong in Northeast—Joseph C. Curtin has been named sales and service representative in Northeastern United States by Wood Flong Corp. Prior to his appointment, Curtin was associated with Campbell Printing Co., Rockville, Md. He succeeds Raymond Finzer who has retired after representing the company for 37 years.

Father and Son Appointed by Wood Flong—George J Meehan, Jr., has been appointed sales and service representative in the Mid-Atlantic States by Wood Flong Corp. He succeeds his father, George J. Meehan, Sr., who will now represent Wood Flong in metropolitan New York. Before joining Wood Flong, the younger Meehan served as a stereotype journeyman for Wescott and Thompson Printing Co. and for the Philadelphia newspapers. The Mid-Atlantic territory includes New Jersey, Delaware, Maryland, Northern Virginia and Eastern Pennsylvania.

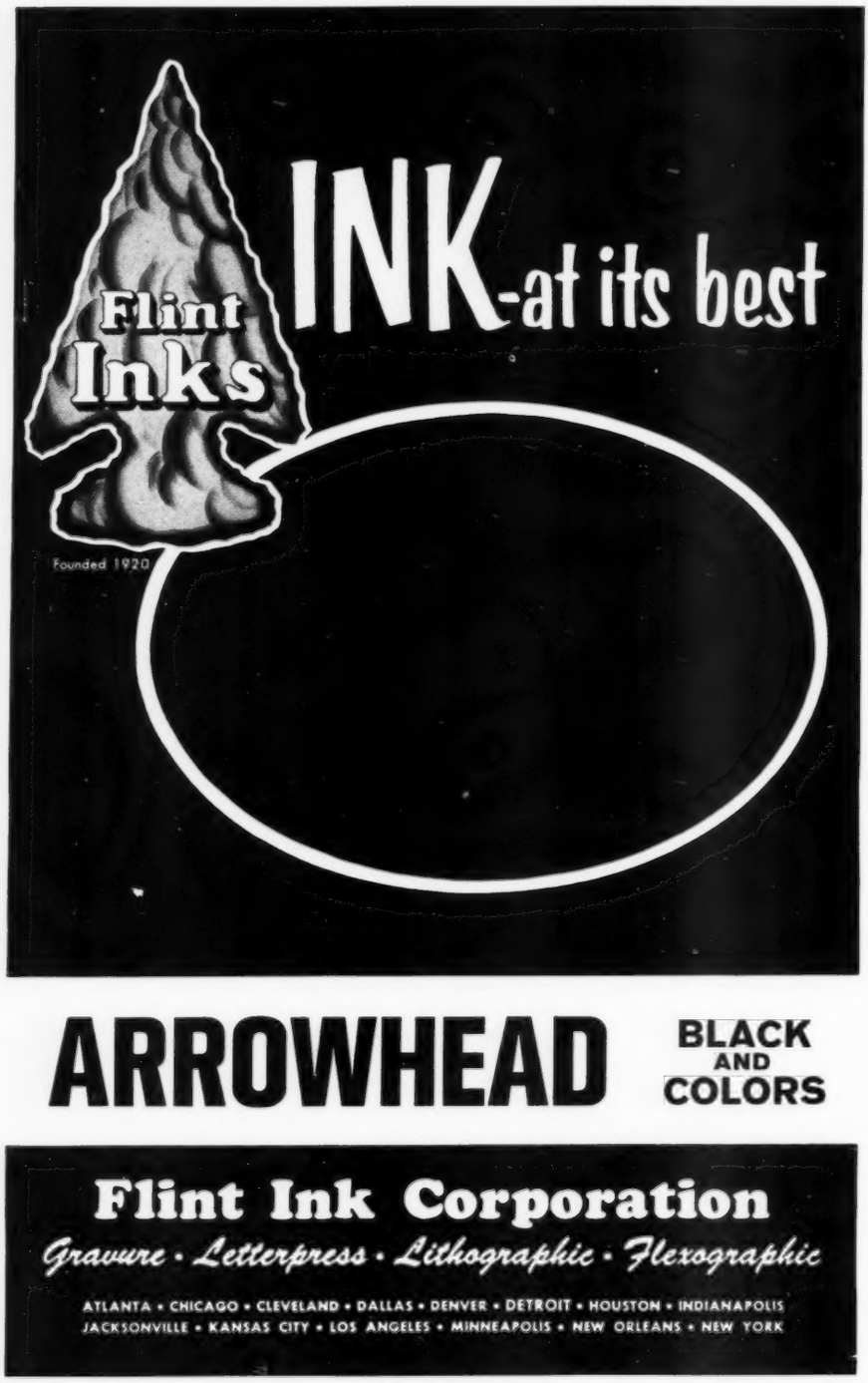
MEEHAN, JR.

CACARO

Chemco Transfers Representative—Vincent Cacaro has been transferred to the Atlanta branch office of Chemco Photoproducts Co., Inc. Previously, Cacaro represented the company from the Midwest office in Cleveland. He joined the Chemco sales staff in 1957.

Mergenthaler Names Production Engineer—Charles Stedman has been promoted to the position of production engineer, San Francisco agency, Mergenthaler Linotype Co. Formerly, Stedman was a service engineer with the company.

(*Continued on Page* 20)



For More Information Circle 63 on Reader Service Card

For More Information Circle 90 on Reader Service Card→

Is it hard to build a house?

Not too hard, when you're building a *bird* house.

And so you had set to work, carefully sawing the pieces, nailing them together and chiseling out the little doorway.

Three hours, two splinters and a bruised thumb later, it was finished.

But it needed a tenant. And soon one came. Circling. Inspecting. And suddenly—popped right into its new home. *That* was the proud moment.

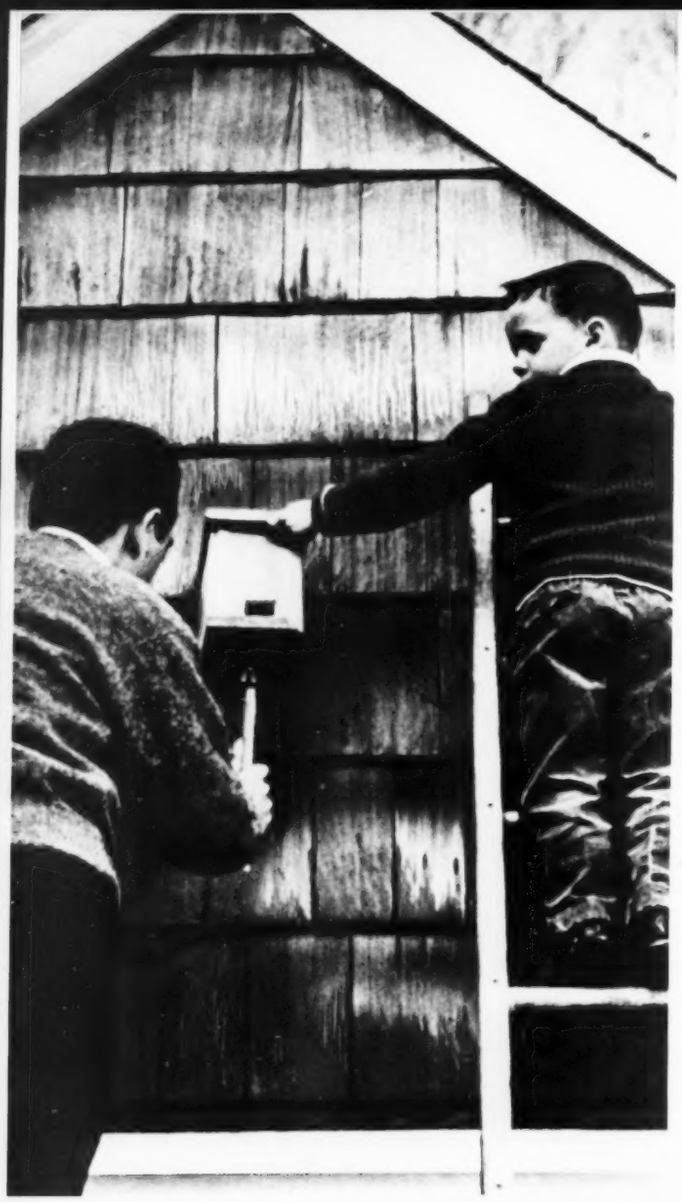
Can you recapture another like it? You often do. But today, your tools are presses, inks, papers—and your undiminished *pride*. You use them all to build your good printing, your good reputation.

And we help, because pride goes into our product, too. The paper you're looking at right now is a good example.

ATLANTIC FINE PAPERS

EASTERN FINE PAPER AND PULP DIVISION · STANDARD PACKAGING CORPORATION · BANGOR, ME.

Production facts: This insert lithographed on new, brilliant white Atlantic Opaque, Vellum finish, basis 80, on a 52 x 77 4-color press, 30 up at 4,000 IPH. Sheet size 49½ x 76¾. Color sequence was yellow, red, blue, black. Press plates were deep etch aluminum from 175-line screen positives.



What a color line-up for creative printing!

French Cream. Mistie Blue. Ocean Green. Dustie Pink. Daffodil Yellow. Smokie Gray. *Only* Atlantic Pastel Offset has them all. Use them to spark your creativity. Use them to provide an extra color *without extra presswork.*

Atlantic Pastel Offset's well-closed surface takes inks beautifully. High bulk and even caliper mean trouble-free presswork. And this versatile paper folds and refolds without cracking.

Your choice of basis 50, 60 and 70 in velvety Suede finish. For a perfect match-mate, specify Atlantic Pastel Cover. Ask your Eastern Franchised Merchant for samples of both papers. Or write us direct.

EASTERN FINE PAPERS

EASTERN FINE PAPER AND PULP DIVISION · STANDARD PACKAGING CORPORATION · BANGOR, ME.

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DELIVERED COMPLETE IN ONE PASS!

Yes, the *whole* job in *one* operation on *one* press with *one* pressman! A New Era Press eliminates additional operations and machinery. It prints multi-colors on one or both sides of the web at the same time, die-cuts any shape or size, slits, punches, perforates, numbers and delivers the finished job — either cut off, rewound or folded. There's the right press for producing your product: labels on any type of stock, any size office and factory forms, tags, data processing cards, tickets and many other specialties. The New Era Bulletin #211 gives you the whole story Write today on your letterhead for a free copy. New Era Manufacturing Co., Dept. PP, Box #400, Hawthorne, N. J.

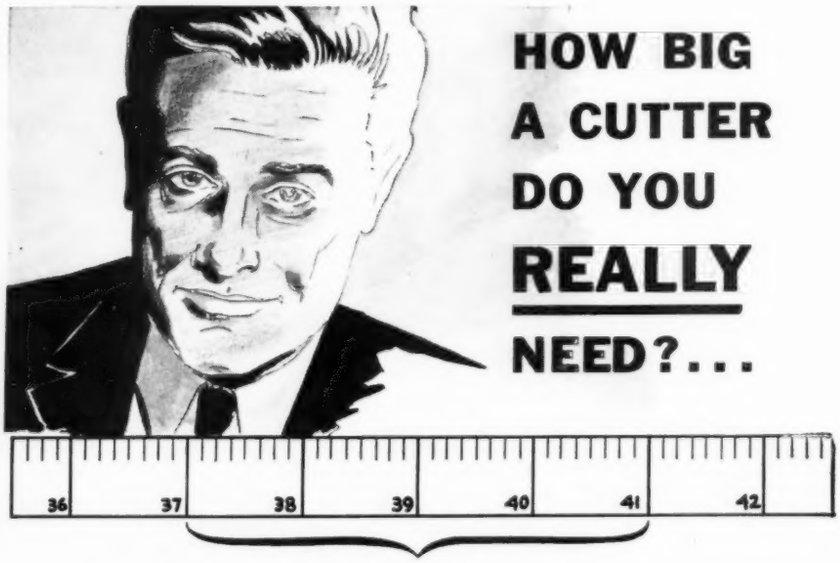
For More Information Circle 213 on Reader Service Card

Tribune Composing Room Head Dies—Fred A. Brohm, 58, superintendent of the Chicago *Tribune* composing room died, Nov. 19, at his home in Chicago. Mr. Brohm had been a *Tribune* employee for 33 years, serving as composing room chief since 1953.

Wiretyer Names Service Manager—Donald Van Valkenburgh has been promoted to service manager, Wiretyer Corporation. Prior to his appointment, Van Valkenburgh served as assistant service manager. He replaces Ted Hayford, vice president, who will now devote his time to Wiretyer product development.

Two Frye Representatives—Jack Graham and Iner Anderson have been appointed district representatives of Frye Manufacturing Co. They will cover the Illinois-Wisconsin territory, replacing A. P. Anderson who passed away last May. Previously, Graham was Midwest sales representative for Rhinelander Paper Co.

ATF Assistant Manager in Chicago—Charles P. Hackett has been named assistant branch manager of the Chicago office of American Type Founders Co., Inc. For the last several years, he has been an ATF sales representative in the New Orleans area.



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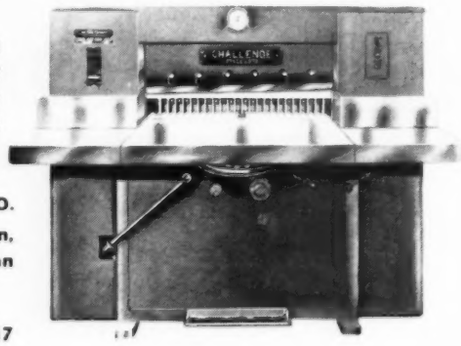
How big a cutter do you actually *need?* For example, if a 35 x 45 sheet is the largest you'll normally cut . . . and that's certainly true of most small and medium-sized shops . . . a 37-inch cutter certainly will meet all your cutting needs.

Un-needed cutting capacity just ties up valuable capital — capital which might be better used to pay for another badly needed piece of bindery equipment or even a second small cutter to save time on trimming operations.

That's why the Challenge 37" Automatic Cutter is worth looking into. It can give you everything you need in the way of operating features and still save you money! It's even available with a Power Back Gage and Automatic Spacer, if needed.

For information about this and other cost-saving Challenge models, see your local dealer or write:



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MEETINGS for the PRINTING INDUSTRY

American Photoengravers Assn. — 1961 Conv., Pittsburgh Hilton Hotel, Pittsburgh, Oct. 23-25. Exec. Secy. Frank J. Schreiber, 166 W. Van Buren St., Chicago 4.

ANPA-RI Mechanical Conf.—1961 Conf., Palmer House, Chicago, June 5-7. Mgr. William D. Rinehart, ANPA-RI Mechanical and Service Div., 750 Third Ave., New York 17.

Book Manufacturers' Institute — Secy. Miss A. G. Watson, 25 W. 43rd St., New York 36.

Fifth District Craftsmen's Conf.—1961 Conf., Sheraton Hotel, Akron, O., Apr. 28-29. President Leonard A. Pollina, 71 W. Bowery St., Akron 8, O.

Flexographic Technical Assn.—1961 Meeting, Hotel Roosevelt, New York, Feb. 9-10. Exec. Secy. Julian Ross, 220 W. 42nd St., New York 36.

Graphic Arts Assn. Executives—1961 Spring Meeting, St. Louis, (Exact date and hotel to be announced). Secy.- Treas. Doris Hall, 321 Tower Bldg., Washington 5, D. C.

Gravure Technical Assn.—1961 Conv., Hotel Drake, Chicago, Mar. 8-10. Exec. Secy. Edward S. St. John, Room 4800, 30 Rockefeller Plaza, New York 20.

Great Lakes Mechanical Conf.—1961 Conf., Hotel Gibson, Cincinnati, Jan. 22-24. Secy. John E. Innis, R. R. No. 1, Box 546, Indianapolis 27, Ind.

Illinois Newspaper Mechanical Conf.—Secy.-Treas. Arthur Kramer, Joliet (Ill.) *Herald-News.*

Intl. Assn. of Electrotypers & Stereotypers, Inc.—Exec. Secy. Floyd C. Larson, 758 Leader Bldg., Cleveland 14.

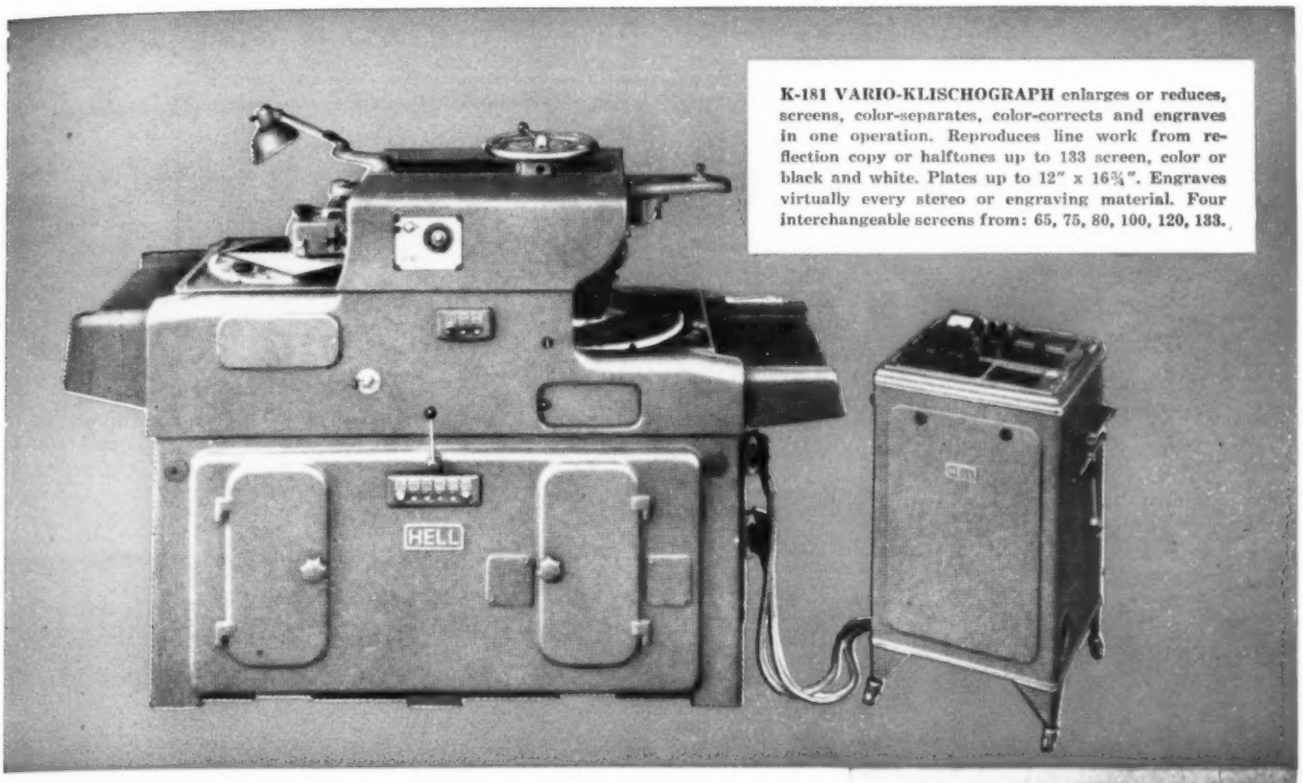
Intl. Assn. of Printing House Craftsmen—1961 Conv., Palmer House, Chicago, Aug. 6-9. Exec. Secy. Pearl E. Oldt, 411 Oak St., Cincinnati 19.

Intl. Graphic Arts Education Assn.—1961 Conf., Ferris Institute, Big Rapids, Mich., Aug. 13-18. Exec. Secy. Samuel M. Burt, 5728 Connecticut Ave., N.W., Washington 15, D. C.

Intl. Printers Supply Salesmen's Guild—1961 Meeting, Palmer House, Chicago, Aug., 6-9. Secy. Harry Deck, 75 E. Wacker Dr., Chicago 1.

Intl. Typographic Composition Assn.—1961 Conv., The Queen Elizabeth, Mon-

(*Continued on Page 26*)



K-181 VARIO-KLISCHOGRAPH enlarges or reduces, screens, color-separates, color-corrects and engraves in one operation. Reproduces line work from reflection copy or halftones up to 133 screen, color or black and white. Plates up to 12" x 16¾". Engraves virtually every stereo or engraving material. Four interchangeable screens from: 65, 75, 80, 100, 120, 133.

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Color copy? Use the K-181 Vario-Klischograph. Black-and-white halftones? Easy to handle with the K-181 or K-150. Coarse, medium or fine line engravings? Look into the S-240. Each offers you the money-, time- and labor-saving advantages of electronic engraving . . . plus operating features no other such engravers provide. A few of these advantages are outlined for you in the photo captions. It will be worth your while to study them.

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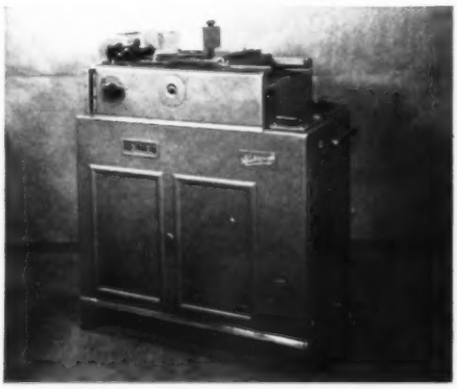
K-150 KLISCHOGRAPH turns out excellent black-and-white halftones, coarse or fine screen, even from poor originals. Produces a 65-screen, 6" x 8" plate in only 18 minutes. Ideal for engraving plastic, aluminum, practically every stereo or engraving material. Reverse cut easily made. Choice of 60, 65, 75, 80, 100 or 120 screen. Dual-screen models also available.



S-240 KLISCHOGRAPH offers you first-quality reproductions of coarse, medium or fine line art. Compensates for poor originals. Can be used to reproduce cartoons, sketches, diagrams, maps, type sizes from 5 pt. Produces plates up to 10" x 10". Excellent engraving results on virtually every stereo and engraving material. Interchangeable feeds: 120 and 480 li. per in. Only line machine available.

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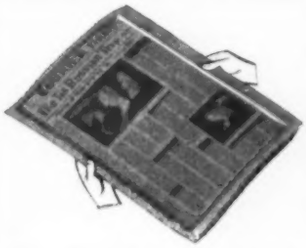
Hoe Colormatic Presses . . . are now operating and proving that the fastest press in the world produces the finest product most economically and efficiently.

Hoe M.A.N. Narrow Width Rotogravure Presses . . . for printing on cellophane, foil and other packaging materials.

Hoe Rotogravure and Specialized Web Offset Presses . . . for printing supplements, comics, books and periodicals.



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J. L. AUER, *President, R. Hoe & Co., Inc*

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Clarion-Ledger and News, Jackson, Miss. ..... 5 units
Wall Street Journal, Cleveland, Ohio ..... 4 units
Wall Street Journal, Chicopee, Mass. ..... 4 units
Great Falls Tribune and Leader, Great Falls, Montana 2 units

COLORMATIC PRESSES TO BE SHIPPED SOON

El Paso Times and Herald-Post, El Paso, Texas ..... 10 units
Memphis Commercial Appeal and Press-Scimitar, Memphis, Tenn. ..... 9 units
Cleveland Press and News, Cleveland, Ohio ..... 8 units
Milwaukee Journal, Milwaukee, Wis. ..... 16 units

COLORMATIC PRESSES NOW BEING ERECTED

Beaumont Enterprise and Journal, Beaumont, Texas ..... 8 units
Fresno Bee, Fresno, Calif. ..... 8 units
Watertown Daily Times, Watertown, N.Y. ..... 5 units

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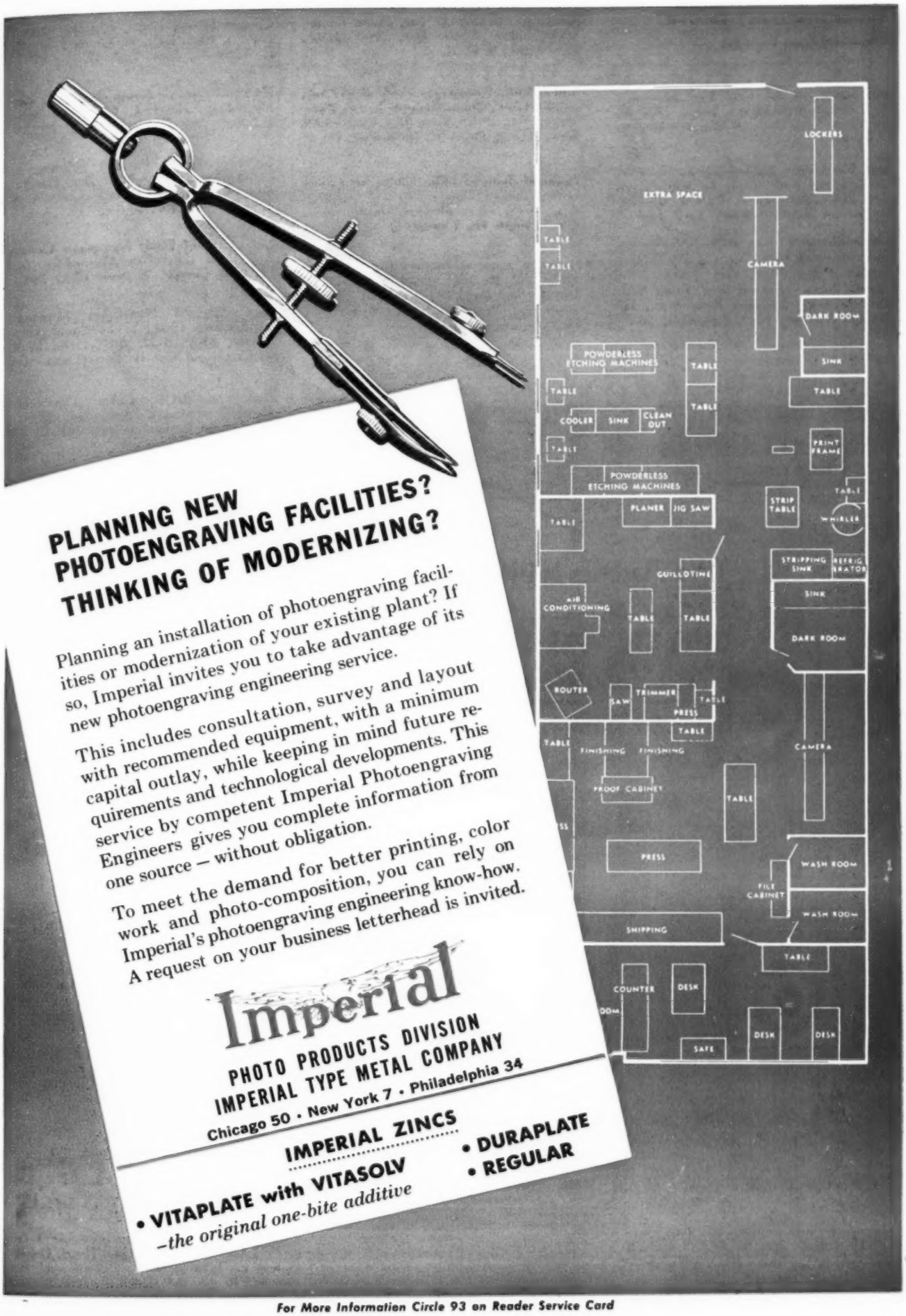

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- **DURAPLATE**
- **REGULAR**

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Printing Industry Meetings

(Continued from Page 20)

treal, Can., Oct. 4-7. Exec. Secy. McKinley M. Luther, Washington Bldg., 15th St. and New York Ave., N.W., Washington 5, D. C.

Iowa Newspaper Mechanical Conf.—1961 Conf., Hotel Blackhawk, Davenport, Ia., May 26-28. Secy.-Treas. Paul F. Kamler, Mechanical Supt., Clinton (Ia.) *Herald.*

Kansas-Missouri Newspaper Mechanical Conf.—Kansas Gen. Mgr., Larry Miller, Kansas Press Assn., 701 Jackson St., Topeka, Kans. Missouri Secy.-Treas. William A. Bray, Missouri Press Assn., 115 Walter Williams Hall, Columbia, Mo.

Lithographers and Printers National Assn.—1961 Conv., Arizona Biltmore, Phoenix, Ariz., Apr. 30-May 5. Dir. Oscar Whitehouse, 1025 Connecticut Ave. N.W., Washington 6, D. C.

Mid-Atlantic Newspaper Mechanical Conf.—1961 Conf., Penn-Sheraton Hotel, Pittsburgh, Mar. 23-25. Gen. Mgr. G. Richard Dew, 2717 N. Front St., Harrisburg, Pa.

National Assn. of Litho Clubs, Inc.—1961 Conv., Statler Hotel, Dayton, O., May 4-6. Exec. Secy. Edward M. Harwood, 430 S. Clark St., Chicago 5.

National Assn. of Photo-Lithographers—1961 Conv., Hotel Commodore, New York, Sept. 27-30. Exec. Dir. Walter E. Soderstrom, 317 W. 45th St., New York 36, New York.

National Paper Trade Assn.—1961 Confs., Waldorf Astoria, New York, Mar. 26-29; Conrad Hilton Hotel, Chicago, Oct. 31-Nov. 3. Exec. Secy. O. Glenn Leach, 220 E. 42nd St., New York 17.

National Printing Equipment Assn., Inc.—Exec. Secy. Harry L. Gage, 140 Nassau St., New York 38.

National Safety Council Printing and Publishing Section—Staff Rep. Harry C. Johnson, National Safety Council, 425 N. Michigan Ave., Chicago 11.

New England Daily Newspaper Composing Room Executives Assn.—Exec. Secy. Lewis R. Greene, Westerly (R.I.) *Sun.*

New England Newspaper Mechanical Conf.—1961 Conf., Hotel Statler Hilton Boston, Oct. 21-22. Secy.-Treas. Walter C. Crighton, New London (Conn.) *Day.*

Newspaper ROP Color Conf.—Secy. Arthur Brashears, American Assn. of Newspaper Representatives, 141 E. 44th St., New York.

Northwest Mechanical Conf.—1961 Conf., Hotel St. Paul, St. Paul, Mar. 4-6. Secy.-Treas. Ralph N. Carson, Dunwoody Industrial Institute, 818 Wayzata Blvd., Minneapolis 3, Minn.

Pacific Newspaper Mechanical Conf.—Secy. Donald Newhouse, Portland (Ore.) *Oregonian.*

Packaging Institute Assn.—1961 Meeting, Biltmore Hotel, New York, Oct. 18-22. Exec. Dir. Chas. A. Feld, 342 Madison Ave., New York 17.

Printing Industry of America—1961 Conv., Statler Hilton Hotel, Pittsburgh, Oct. 9-14. Gen. Mgr. Bernard Taymans, 5728 Connecticut Ave. N. W., Washington 15, D. C.

Research and Engineering Council — 1961 Meeting, Hotel Fort Des Moines, Des Moines, Ia., May 22-24. Managing Dir. Robert E. Rossell, 1411 K St., N.W., Washington 5, D. C.

Screen Process Printing Assn., Intl.—Exec. Secy. Robert H. Blundred, 549 W. Randolph St., Chicago 6.

SNPA (Eastern Div.) Mechanical Conf.—1961 Conf., Hotel Dinkler-Plaza, Atlanta, Aug. 6-8. Secy. James B. Brotbeck, P. O. Box 1569, Chattanooga 1, Tenn.

SNPA (Western Div.) Mechanical Conf.—1961 Conf., Hotel Adolphus, Dallas, Mar. 5-7. Secy. Claude V. Capers, P. O. Box 1569, Chattanooga 1, Tenn.

Southern Graphic Arts Assn.—1961 Conf., Hotel Dinkler-Andrew Jackson, Nashville, Tenn., May 3-5. Secy. Charles E. Kennedy, 1514 South St., Nashville 2, Tenn.

Technical Assn. of the Graphic Arts—1961 Conf., Deshler-Hilton Hotel, Columbus, O., June 12-14. Exec. Secy. Earl Sundeen, P. O. Box 3064, Federal Station, Rochester 4, N. Y.

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Combination

SLUG STRIPPER

A new, compact, design, built for quality performance at low cost, the MORRISON SLUG STRIPPER saves mortising time, simplifies plate corrections and special composition problems. With Micrometer-Gauge accuracy it cuts Linotype, Intertype, Ludlow, or Nebitype slugs to any height — for zincs, halftones, stereos. Handles slugs from 1 point to 72 points, from single character to 30 picas in length.

SLUG STRIPPER SLUG SAW or COMBINATION

Buy them as you need them. If your work requires a Slug Stripper full time, buy the Slug Stripper. If you need a compact auxiliary saw full time, buy the S.S. Saw. If you need both part time, buy the Morrison Slug-Stripper-Saw Combination. Combine BOTH Machines for DOUBLE-DUTY at only slightly more cost than ONE. Change from Saw to Slug Stripper or Vice Versa in 5 seconds.

SLUG SAW

The new MORRISON SAW, mounted on the standard, slimmed, space-saving cabinet, is designed for accurate, fast, and safe sawing and cutting. It features the Morrison "Behind the Gauge" workholder assembly which has added so much to labor-saving performance and safety in the composing room. Particularly handy for ad alley, correction bank, make-up or as a compact auxiliary saw in any composing room spot.

Write for the Complete Story.

MORRISON

Symbol of Operating Economy

THE MORRISON COMPANY

Dept. P., 125 W. Melvina St., Milwaukee 12, Wis.

For More Information Circle 127 on Reader Service Card

Sinclair and Carroll

ANPA-AAAA APPROVED COLORS

1960 SNPA (Eastern Division)
COLOR CONTEST WINNERS
USE SINCLAIR & CARROLL
ANPA-AAAA APPROVED COLORS

Prize winning MIAMI DAILY NEWS and DAYTONA BEACH NEWS-JOURNAL full color editorial and advertising pages, printed with Sinclair & Carroll ANPA-AAAA colors, contribute to sound national newspaper color growth. By their quality of reproduction these mechanically progressive newspapers attract a larger portion of the total advertising dollar to all newspapers throughout the country.

Sinclair & Carroll colors insure uniformly good reproduction whether your advertisement be run in one or fifty newspapers and states. Keep these inks on hand. Every color an advertiser could wish for is ready and at your finger tips at press time.

Let Sinclair & Carroll ANPA-AAAA process colors and toners be your guide from original art copy to newspaper page.

Sinclair and Carr

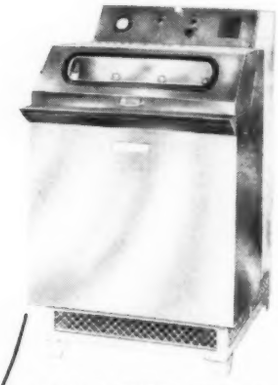
591 11th Ave., New York
440 W. Superior St., Chicago

For More Information Circle 162 on Reader Service Card

ONLY Master PRODUCES PLATE MAKING EQUIPMENT FOR ALL THE REVOLUTIONARY LETTERPRESS-RELIEF PROCESSES

The introduction of DYCRIL* by DuPont provides the Graphic Arts Industry with a new tool for expanding the relief plate market. This plastic material possesses inherent qualities and possibilities not obtainable with other materials. Never before has the industry had the possibility of such a diversified selection of materials and processes from which to choose the one best tailored for the job requirements.

Abreast with progress, MASTER is proud to offer rugged and serviceable quality equipment for the production of DYCRIL* relief plates.



FLAT WASHOUT UNIT ▲

DYCRIL*

CONDITIONING CABINET ▲

Only **MASTER** produces plate making equipment for all of the following processes:

- DYCRIL* PLATES
- POWDERLESS ZINC PLATES
- WRAP-AROUND PLATES
- POWDERLESS MAGNESIUM PLATES
- POWDERLESS COPPER PLATES
- PRECURVED PLATES

for detailed information on any of the above items please contact your supplier or write to MASTER SALES & SERVICE CORP., Wyncote, Pa.

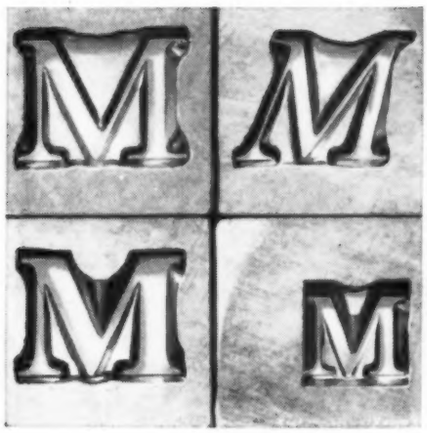
We welcome your visitation to our laboratory showrooms for demonstration of any of the above processes. Please contact us for appointments in advance.

DYCRIL* FLAT VACUUM EXPOSURE UNIT and ARC LAMP ▲

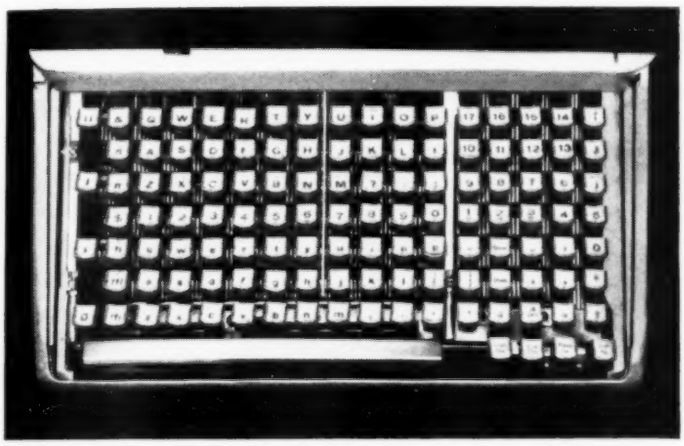
*Du Pont's trademark for its photopolymer printing plate.

MASTER SALES & SERVICE CORP. WYNCOTE, PA.

For More Information Circle 119 on Reader Service Card



THE NEW MONOMATIC KEYBOARD IS "QUADRIDEXTROUS"!



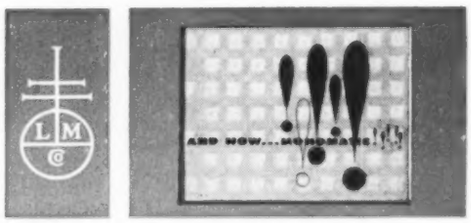
An ambidextrous person uses both hands equally well. The compact *new* MONOMATIC keyboard might be called "quadridextrous" because of its amazing flexibility. Each of its keys will select a character from any of its *four* quadrants in the matrix case.

That's only one of the many features of the *new* MONOMATIC keyboard. 120 keys, in standard typewriter arrangement, do the whole job. There are two alphabets—one for caps and one for lower case—as well as figures, points, ligatures, dashes and special characters. Seven or eight alphabets may be obtained from it. Pneumatic key action is "alive," has uniform touch, eliminating operator fatigue.

Every feature of the *new* MONOMATIC represents a major advance in Monotype composition—the finest machine composition for 70 years. No other method can equal it.

Lanston Monotype Company, Division of Lanston Industries, Inc., Monotype House, G Street below Erie Avenue, P. O. Box 4768, Philadelphia 34, Pa.

Send for "AND NOW...MONOMATIC!" to learn how you can make more profits with MONOMATIC.



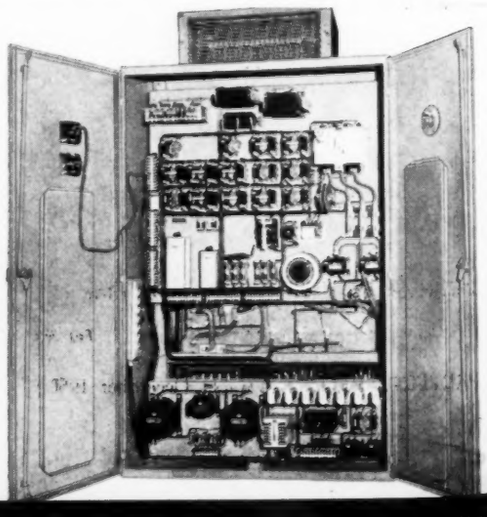
MONOMATIC

This advertisement was composed on the Monotype in Century Schoolbook.

For More Information Circle 102 on Reader Service Card

New web offset press in action. Mr. Heissner says, "Everyone here is pleased with the precise speed control we get with Cutler-Hammer control."

Dependability through simplicity. That's the key to the D-c Webmaster Drive. Most efficient drive available for normal press operating requirements.



CONTROL

Mercury Lithographing cuts maintenance costs with Cutler-Hammer D-c Webmaster

Static-powered group press drive has no moving parts to cause trouble

"We cut our maintenance cost and improve service whenever we simplify or eliminate moving parts," says Mr. Herbert Heissner, web press superintendent, Mercury Lithographing Corp., 46-81 Metropolitan Ave., Brooklyn, N.Y.

"This principle influenced us in our selection of Cutler-Hammer's D-c Webmaster Group Press Drive for our new web offset press. Definite advantages of the static drive are already evident in low maintenance."

Cutler-Hammer's D-c Webmaster converts A-c to D-c with no moving parts of any kind in the conversion system. This, of course, reduces maintenance to a bare minimum. It saves space, too, over heavy cumbersome rotary conversion equipment.

The use of silicon rectifiers in Webmaster provides a higher efficiency than any previous method of power conversion.

But, probably more important than anything else is the precise speed control you get with the D-c Webmaster . . . stepless control from inching to top speed. A combination of dynamic and mechanical braking assures smooth, non-fading stops quickly, safely. Get more details on the dependable, Cutler-Hammer D-c Webmaster group press drive soon. Send for Pub. **ED-57-Y277.**

As the leading supplier of control to the Graphic Arts industry Cutler-Hammer can supply you with control to fit your needs exactly. Be sure to specify Cutler-Hammer control on the next equipment you buy. And, contact the nearest Cutler-Hammer sales office if you have a question about control.

Cutler-Hammer control is the brand supplied by the Graphic Arts industry more often than all others combined.

WHAT'S NEW? ASK...

CUTLER-HAMMER

Cutler-Hammer Inc., Milwaukee, Wisconsin • Division: Airborne Instruments Laboratory • Subsidiary Cutler Hammer International, C A. Associates: Canadian Cutler-Hammer, Ltd ; Cutler-Hammer Mexicana, S. A

CONTROL

For More Information Circle 47 on Reader Service Card

Now You Can Try The Beautiful New

BLUE RIBBON CONTRAST MAT

Instantly Popular With All Users

CONTRAST

BLUE RIBBON*

*REG. U.S. PAT. OFFICE

The Contrast is an entirely new mat in the Blue Ribbon Line featuring Color Contrast with Beautiful Reproduction ★ Ample Casts ★ Fine Release ★ Accurate Register

FOR SAMPLES or DEMONSTRATIONS, WRITE:

CERTIFIED DRY MAT CORPORATION
555 Fifth Avenue New York 17, N.Y.

For More Information Circle 36 on Reader Service Card

Metropolitan dailies like these all use FAIRCHILD TELETYPESETTER® —to get more type in less time at lower cost!

TTS Perforator

You, too, can profit with TTS® *now*. Don't wait. Get the eye-opening facts. Mail coupon for 24-page descriptive booklet.

FAIRCHILD GRAPHIC EQUIPMENT
Division of Fairchild Camera and Instrument Corp.

TELETYPESETTER®

District Offices: Eastchester, N. Y.; Atlanta, Ga.; Chicago, Ill.; Los Angeles, Cal.; Toronto, Ont.

Fairchild Graphic Equipment, Dept. FGE-30
Fairchild Drive, Plainview, Long Island, N. Y.

Please send me a free copy of "More Type in Less Time."

Name _____

Company _____

Street _____

City _____ Zone _____ State _____

For More Information Circle 171 on Reader Service Card

Speed King BLACKS

IPI Speed King Blacks are newly improved packaged inks, formulated to satisfy nine out of ten press assignments. Although they vary somewhat in characteristics, they all offer these advantages:

1. **Split-second setting**
2. **Ultra-fast drying**
3. **Improved press stability**
4. **Less dryback . . . almost as bright when dry as when wet, on coated stock**
5. **High finish on coated stocks; brilliant finish on enamel, *Kromekote, Lusterkote* and C1S label papers**
6. **Print sharp and clean**

Call your IPI salesman today for Speed King Packaged Blacks. And remember . . . IPI offers still other specialized blacks for every conceivable printing purpose!

SPEED KING PACKAGED BLACKS

SPEED KING JOB BLACK has a regular job press body and can be left on the press overnight because it contains no drier. Even after long shutdown, it is easily regenerated by the addition of fresh ink. Speed King Job Black sets and dries quickly and is recommended for general shop use on enamel, coated and absorbent stocks.

SPEED KING HALFTONE BLACK contains drier and should not be left on the press overnight. It sets and dries very fast with good gloss on enamel, coated and absorbent stocks, and performs well on some machine coated papers. Recommended for all top-quality letterpress halftone work.

SPEED KING LITHO JET H.T. BLACK is of the highest quality—has excellent fountain flow, resists greasing and prints sharp, clean and dense. Sets extremely fast and dries quickly on coated stock—slightly slower on regular offset. Good rub and scratch resistance.

SPEED KING LITHO GEM BLACK sets extremely fast on coated paper and slightly slower on regular offset stocks—has good working qualities and is excellent for process work. Prints dense with good gloss; contains drier and cannot be left on the press overnight.

IPI, IC and Speed King are trademarks of Interchemical Corporation

CORPORATION DIVISION

EXECUTIVE OFFICES: 67 WEST 44th STREET, NEW YORK 36, N. Y.

QUADS RIGHT!

QUADS LEFT!

AND CENTERS!

FASTER THAN YOU CAN SET STRAIGHT MATTER! LINOTYPE HYDRAQUADDER saves up to 50% of your composing room time on some jobs! The accuracy is superb—and there's almost no wear and tear, or need for readjustment—because Hydraquadder has *unique, true hydraulic action*. No levers, rollers, springs, or other mechanical linkages! Can be installed on your new Linotype, or those now in your composing room. Ask your Linotype Production Engineer, or write for our free Hydraquadder booklet today!
Mergenthaler Linotype Company,
29 Ryerson Street, Brooklyn 5, N. Y.

• LINOTYPE •

Text set in Linotype Primer

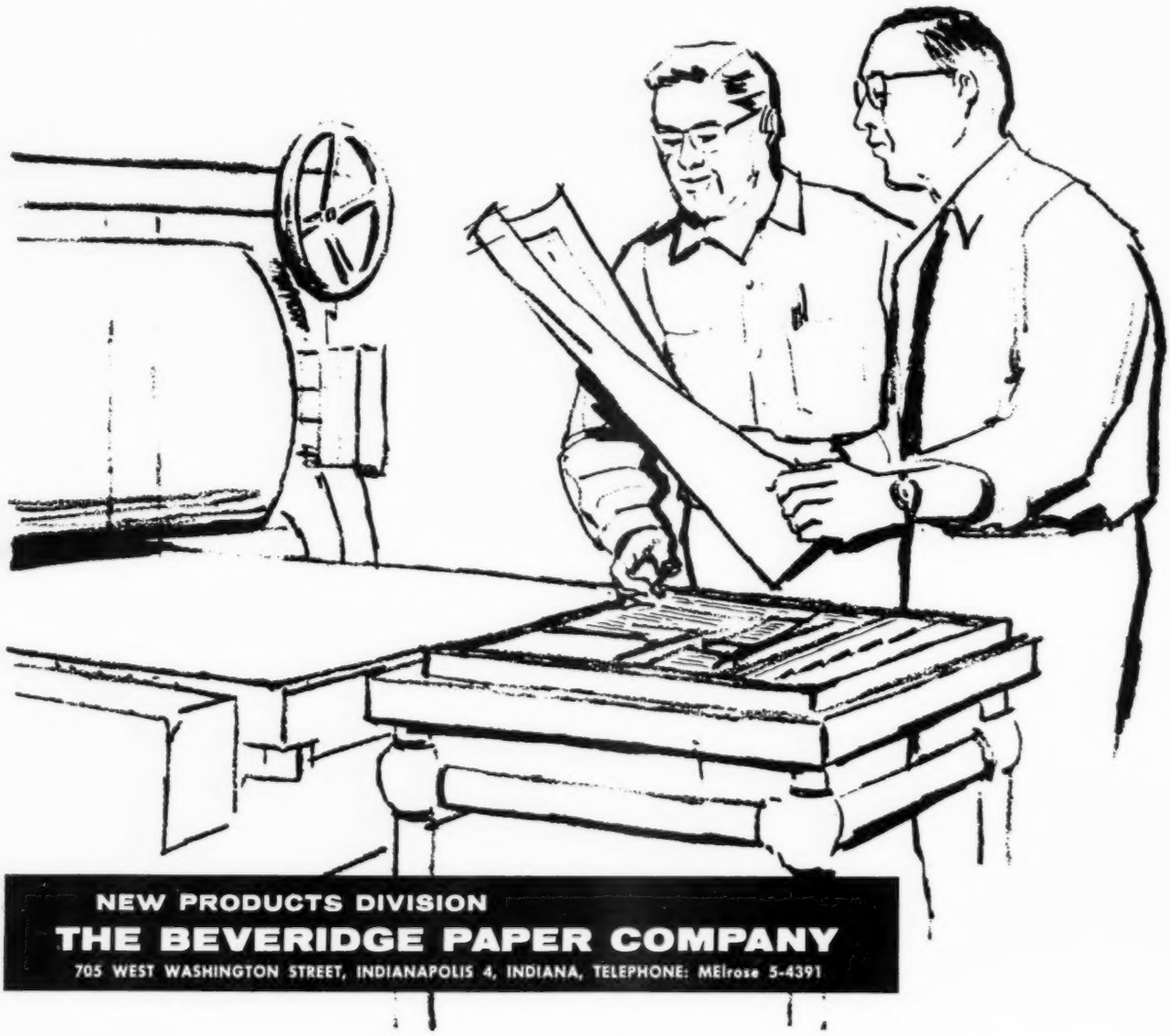
For More Information Circle 116 on Reader Service Card

←*For More Information Circle 96 on Reader Service Card*

If You're Ready for AUTO-PACK One Piece Packless Mats They're Ready for You!

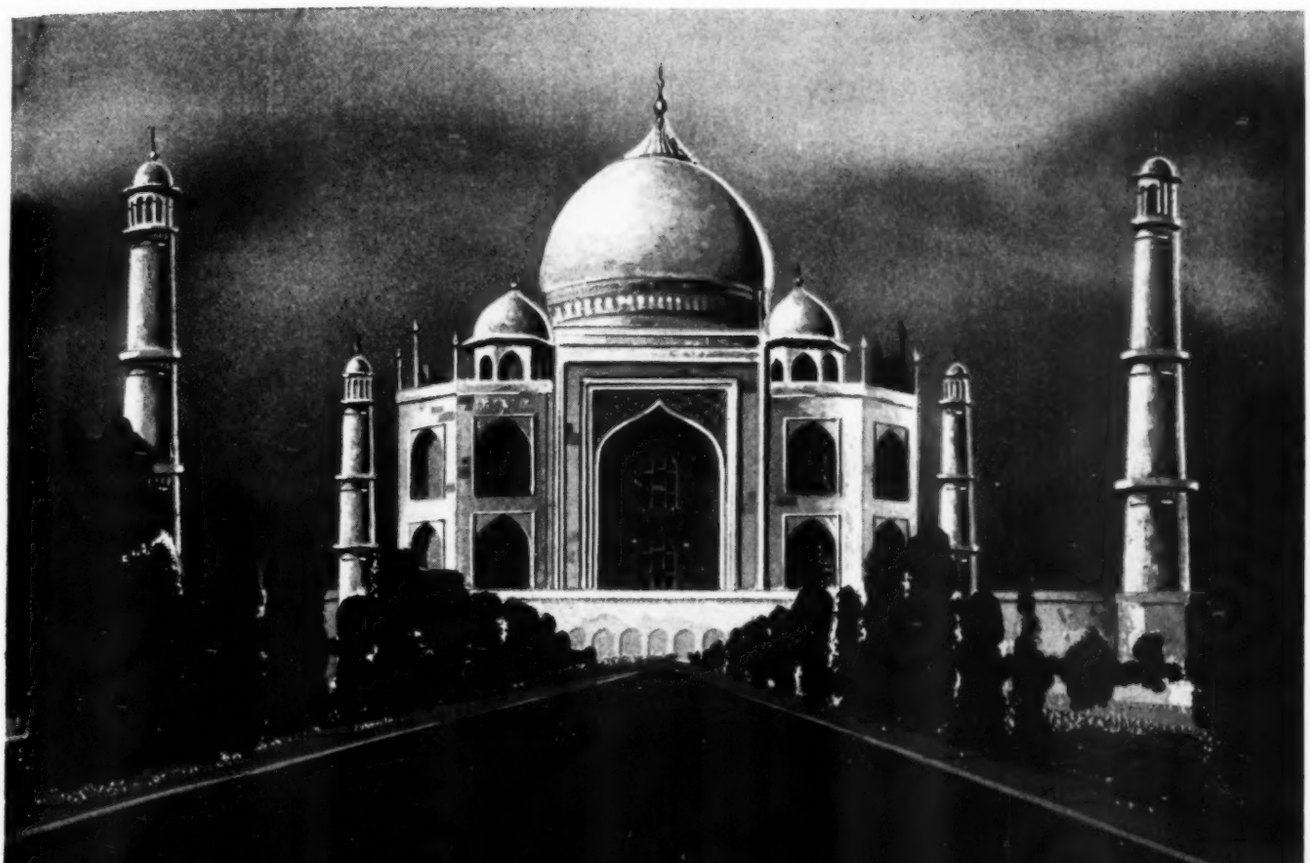
Every month more and more newspapers are switching to Auto-Packs, high quality one piece packless mats. Some of these plants were already geared to the use of Auto-Packs. Others made the changes necessary to enable them to handle these mats that are over 50% compressible, that require less molding pressure than conventional mats, that retain 0.030 to 0.035 space depth in the plate wherever there's 0.040 depth in the form.

Well seasoned Auto-Pack mats have the best reproduction qualities possible to attain. Their use automatically makes a better printed paper. If you are interested in eliminating hand packing and getting better reproductions, let's get together and find out if your plant is ready for Auto-Packs. The next step is a complete demonstration of their advantages in your plant. Write, wire or phone for complete information, samples or a demonstration.



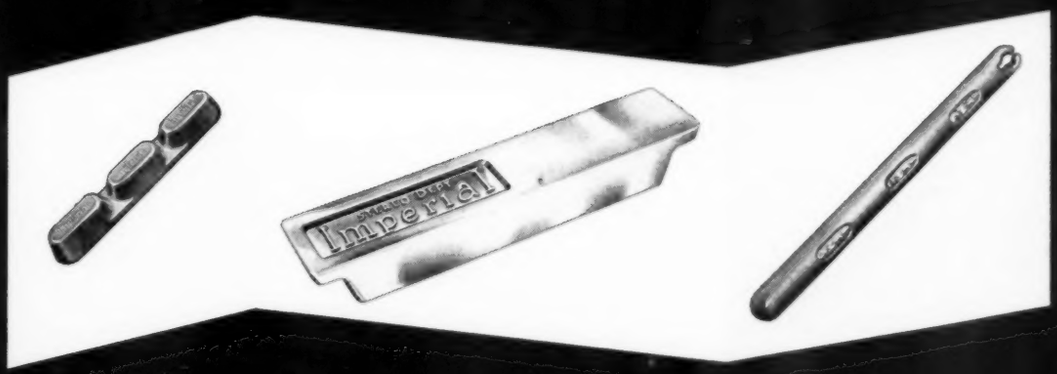
NEW PRODUCTS DIVISION
THE BEVERIDGE PAPER COMPANY
705 WEST WASHINGTON STREET, INDIANAPOLIS 4, INDIANA, TELEPHONE: MElrose 5-4391

For More Information Circle 20 on Reader Service Card



Beyond duplication

The white marble Taj Mahal, probably the most beautiful structure ever erected by man, is distinguished by its incomparable beauty in design and architectural detail. In type metal, with time-tested Plus and Service Plans, Imperial is distinguished by dependability and economy. Inquiries invited.



IMPERIAL TYPE METAL COMPANY

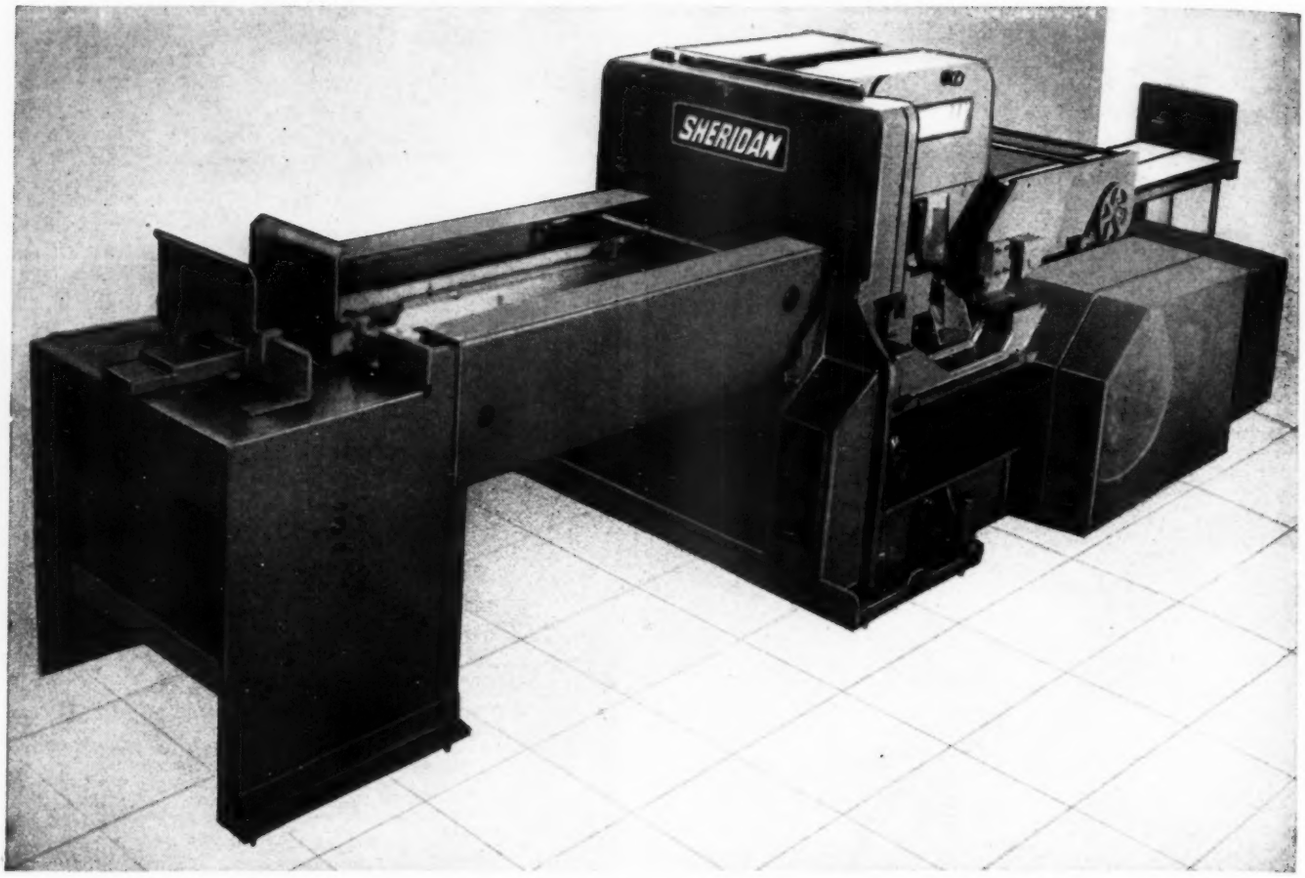
CHICAGO 50 • NEW YORK 7 • PHILADELPHIA 34

Imperial

Imperial Type Metal Quality and Services are beyond duplication

For More Information Circle 94 on Reader Service Card

PRODUCTION GOES UP . . .



AND COSTS GO DOWN

. . . when a new Sheridan Accu-Shear 3-knife trimmer is added to binding and covering line. Now the entire gathering-binding-covering-trimming sequence can be integrated into one continuous operation!

Accu-Shear trimmers are being used successfully in both edition and publication plants, eliminating excess material handling and storage, speeding up delivery schedules . . . cutting costs! Quality has been more than satisfactory.

The standard Accu-Shear has a capacity of 1⅜″ thickness in sizes to 17½ x 11½″ trimmed, at speeds up to 100 cuts/minute. A 2″ capacity model is available.

For even greater production economy, the Accu-Shear can be connected to a Sheridan-Taylor automatic counter-stacker, eliminating manual counting and piling.

SINCE 1835

SHERIDAN

T. W. & C. B. SHERIDAN COMPANY
220 Church St., New York 13, N. Y.

For More Information Circle 157 on Reader Service Card

We have doubled our production capacity

WORLD'S LARGEST . . . Wood Flong has opened its second half century with a million dollar expansion program that has doubled the production capacity of the company, already the world's largest producer of stereotype mats. Wood Flong thus maintains its leadership in service, quality of product and ready supply.

QUALITY CONTROL . . . Maximum uniformity of product, according to every customer's individual requirements, has been even further assured by installation of the finest, ultra-modern mat-making machinery.

CONSTANT SUPPLY . . . Because of this enormous new production capacity there will never be a shortage of the supply of Super Flongs or other Wood Flong mats.

RESEARCH AND DEVELOPMENT . . . Wood Flong was the innovator of the no-pack process now accepted throughout the industry. Wood Flong's new expansion program has placed the company in a position to *anticipate* the industry's needs . . . continuing the company's 50 year record of unique service to the graphic arts industry.

ONE-PIECE SUPER FLONG *NO-PACK MAT*
A NEW ERA IN STEREOTYPING

WOOD FLONG CORPORATION

HOOSICK FALLS, NEW YORK
NEW YORK OFFICE: 551 FIFTH AVE.; PHONE: MU 7-2950
SERVING THE GRAPHIC ARTS INDUSTRY EXCLUSIVELY SINCE 1911

WOOD FLONG

For More Information Circle 189 on Reader Service Card

HELPFUL LITERATURE

FOLDERS · Sales Aids · Instruction Sheets · BULLETINS · Catalogs · BOOKLETS · Brochures

Circle Numbers on Reader Service Card in This Issue

Keep Yourself Informed. The folders and bulletins listed below all pertain to modern equipment, supplies, processes and/or methods. These have been prepared especially for plant managers, superintendents and foremen. Please circle the numbers on the Reader Service Card in this issue for the bulletins you wish to receive. Drop the self-addressed card in the mail. PRINTING PRODUCTION will forward your request.

Composing Room

FOTO-RITER PHOTOLETTERING UNIT

An information sheet describing the Model 325 Foto-Riter photolettering machine has been published by Foto-Graphic Products Co. Fifty type styles in sizes from 14 pt. to 72 pt. are available with the Foto-Riter. Circle No. 307 on Reader Service Card.

MOHR SAW PRICE LIST

Literature listing the prices of equipment made by Mohr Lino-Saw Co. has been made available. Included in the equipment are Mohr saws, parts and supplies. Circle No. 308 on Reader Service Card.

TYPE SPECIMEN BOOK

A 52 page type specimen book has been prepared by Highton Company. Contained in the book are type styles which can be set by hand and by machine. Various categories of rules, borders and ornaments are shown. Copies may be obtained by writing Highton Company, 224 Market St., Newark 2, N. J.

UNIVERSAL STRIP CASTER

A folder giving the specifications of the Universal strip caster has been published by Universal Mono-Tabular Corp. Included in the folder is a sample 2 pt. hairline. Circle No. 341 on Reader Service Card.

Platemaking

PROCESS COLOR SEPARATOR

A bulletin giving technical data on the Durst G-139 color separator is available from Durst (USA), Incorporated. The separator was developed especially for color transparency work. Circle No. 312 on Reader Service Card.

AUTOMATIC ROLL FILM DISPENSER

An illustrated folder featuring the Unitronic automatic roll film dispenser has been published by Unitronics, Inc., Sub. of Lanston Industries, Inc. The machine will measure any length of film to a maximum of 36 in. Circle No. 335 on Reader Service Card.

AMSCO CATALOG

The Amsco line of steel and aluminum stereotype chases is described in a catalog published by American Steel Chase Co. Circle No. 326 on Reader Service Card.

POWDERLESS BUBBLE ETCHER

The Tasope powderless bubble etching machine is described in a circular issued by Tasope Company. According to the manufacturer, the plate to be etched is submerged in the pro-etch bath and rotated at an angle to the air distributing system. The bubbles etch and "powder" the plates. Circle No. 314 on Reader Service Card.

XENON ARC EQUIPMENT

An eight page catalog covering the Ascorlux line of xenon arc equipment has been published by American Speedlight Corp. Specifications of lamps, power supplies and accessories are contained in the catalog. Circle No. 315 on Reader Service Card.

CAMERAS FOR EKTALITH METHOD

An information sheet describing Kenro cameras that may be adapted for the Kodak Ektalith method has been made available by Kenro Graphics, Inc. Reportedly, both the Kenro 14 in. and 18 in. vertical cameras may be adapted for use with this process. Specifications of both models are included. Circle No. 316 on Reader Service Card.

Pressroom

DAMPENING SYSTEM FOR OFFSET

A brochure explaining the operation of a continuous-duty dampening system for offset presses is being distributed by Lithographic Dampener, Inc. According to the sponsor, no kind of dampening covering materials need be used with the system. Circle No. 311 on Reader Service Card.

JOMAC GRAPHIC ARTS PRODUCTS

A booklet giving the specifications of Jomac products for the Graphic Arts is available from Jomac, Incorporated. Information is included on seamless undercovers, seamless dampener covers, knit tubing and dampener dryers. Circle No. 321 on Reader Service Card.

INK LEVEL CONTROL

A system for controlling the level of ink in printing press fountains is described in a report issued by Aeronautical and Instrument Div., Robertshaw-Fulton Controls Co. Reportedly, the system consists of an ink pump and flow-control valve which operate to keep the ink level within 1/4 in. of the desired height. Circle No. 317 on Reader Service Card.

CLEANING INSTRUCTIONS FOR ROLLERS

Cleaning instructions for Ideal rollers have been published in booklet form by Ideal Roller & Mfg. Co. Charts describing roller end trims and buffing and grinding procedures are included. Circle No. 313 on Reader Service Card.

Miscellaneous

POLYFIBRON PRODUCTS FOR GRAPHIC ARTS

Polyfibron products for the Graphic Arts are introduced in a folder issued by Polyfibron Division, Dewey and Almy Chemical Div., W. R. Grace & Co. The newly developed material is used in offset blankets and as backing for pressure sensitive and specialty gummed tapes. Circle No. 319 on Reader Service Card.

ESTIMATING KIT FOR COLOR PRINTING

A kit designed to aid the printer in estimating the cost of full-color printing jobs has been prepared by Colorcrafters. Sections on photography, color separations and printing are contained in the kit. Circle No. 320 on Reader Service Card.

SWAN HUMIDIFIERS

Swan Humidifier Co., Inc., has issued literature on its line of humidifiers. Many units are designed for printing plant use. Circle No. 322 on Reader Service Card.

TRANSKODING SAMPLE KIT

A sample kit of Transkoding forms which are designed for magnetic ink encoding has been issued by Transkrit Corporation. Included is a guide which is designed to help printers prepare and redesign checks and other forms using magnetic ink encoding machines. Circle No. 310 on Reader Service Card.

SCREEN PROCESS EQUIPMENT CATALOG

A catalog of equipment for the screen process printing industry has been prepared by American Screen Process Equipment Co. Included are dryers, photographic materials, and units for processing paper, board, plastics, plywood and other materials. Circle No. 318 on Reader Service Card.

KIT OF PRINTED *EYE-DEAS*

A kit of unusual ideas for printed promotional and advertising campaigns has been compiled by Linton Brothers Div., Crocker, Burbank Papers, Inc. Included are die-cuts, a zipper envelope with enclosure, a direct mail folder with return mailing card, a door-hanger and a children's menu. Circle No. 325 on Reader Service Card.

WHILE LITHOGRAPHING...

control

EVERY INCH OF THE WAY

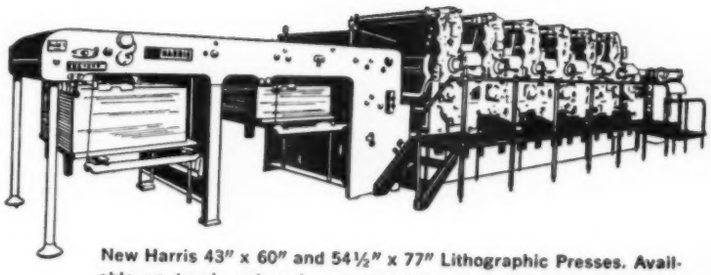
Not surprisingly, every press designer concentrates his efforts at control of inking, impression and register during actual lithographing. Harris goes much further to insure that every sheet will represent the best in lithographic presswork . . . and to protect your profits.

Before the sheet reaches the impression cylinder it has been stabilized and registered from the feeder pile through transfer. Now, in the printing zone, 28 engineered guardians monitor everything from ink distribution to blanket pressure.

Harris design elements "sense" and respond quickly to variations in materials, to changes in operating conditions. Factors that cause down time and affect quality are under control every inch of the way, through four key zones—feeder, transfer, lithographing and delivery.

This is Harris *Control Zone Design.*

It means presses in which you can invest with confidence . . . presses that will enable you to be competitive and profitable for years to come. Ask your Harris representative for the full report on Control Zone features—important reasons why a man does his best work on a Harris.



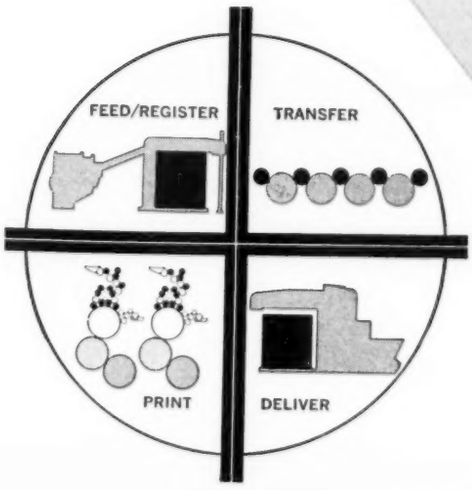
New Harris 43" x 60" and 54½" x 77" Lithographic Presses. Available up to six colors in commercial and folding carton models.

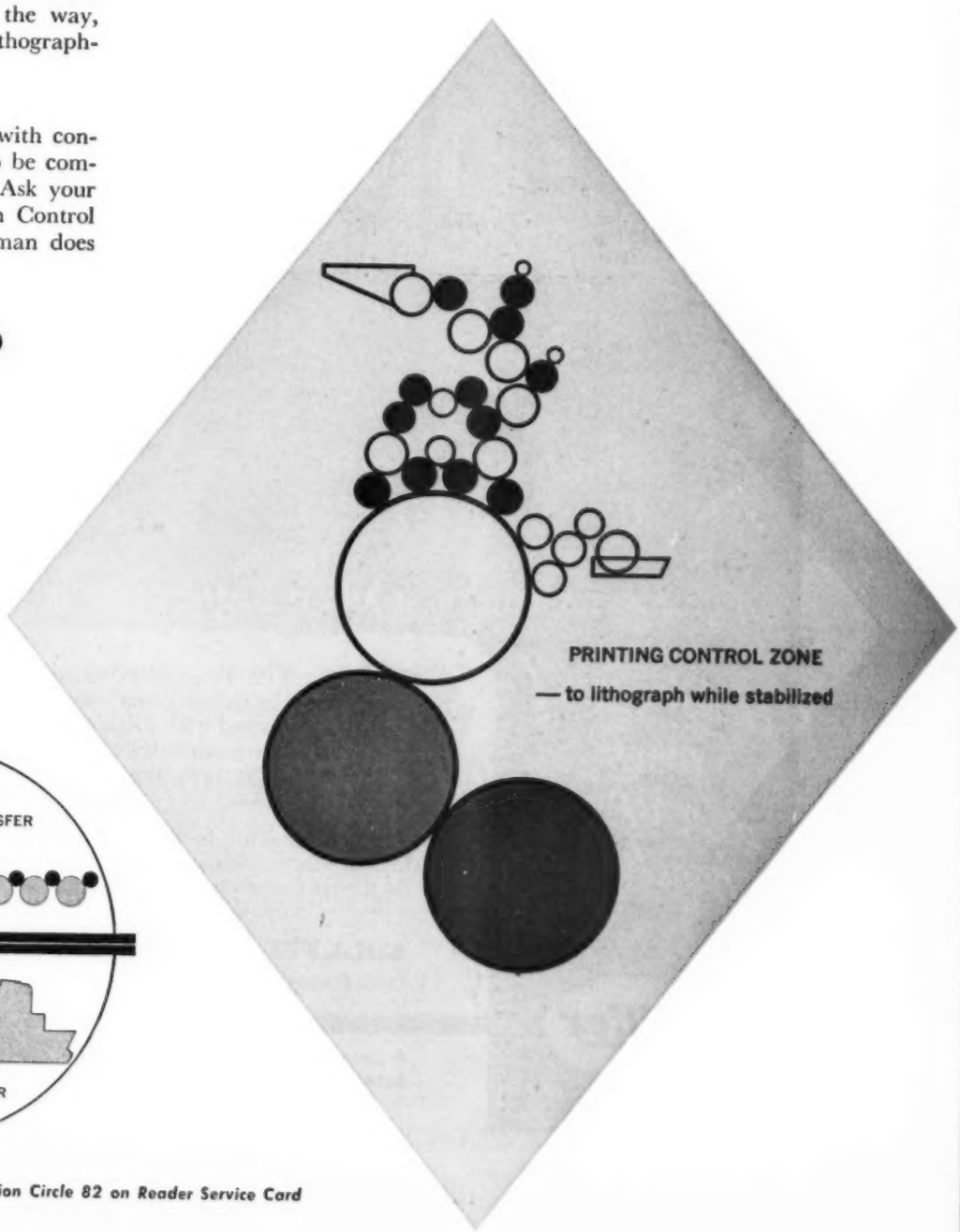
HARRIS - SEYBOLD

A Division of Harris-Intertype Corporation

4510 EAST 71st STREET • CLEVELAND 5, OHIO

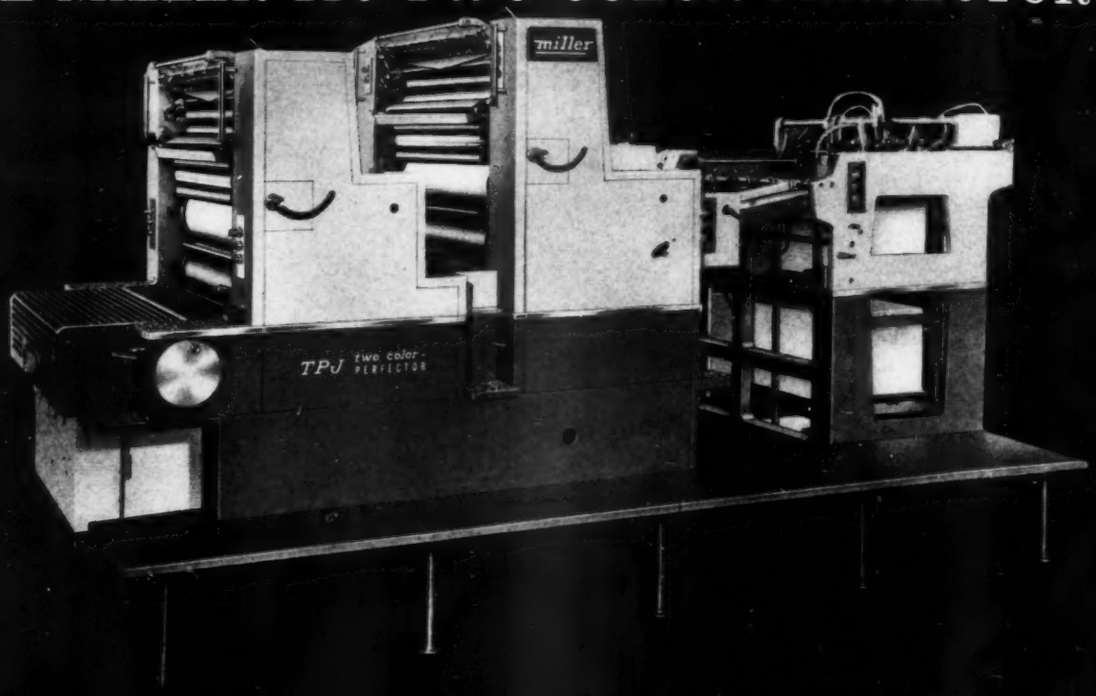
HARRIS INTERTYPE CORPORATION





For More Information Circle 82 on Reader Service Card

THE MILLER TPJ TWO COLOR-PERFECTOR



than unrivaled in versatility...

in features as well!

- *Fast, dependable Miller Stream Feeder*
- *Fully motorized, reloading-type feeder pile*
- *Flexible, most easily adjusted Miller feed roll register*
- *Provisions for continuous delivery*
- *Printing cylinders mounted in pre-loaded tapered roller bearings*
- *Chain-driven full capacity inkers with wide accessibility*
- *Infinitely adjustable motor-driven water fountain rolls*
- *Massive, solid framing on extra sturdy base*

INVESTIGATE THESE AND THE MANY OTHER OUTSTANDING FEATURES!

Write today for a descriptive brochure!

The Miller TPJ Two Color-Perfector is acknowledged as "The World's Most Versatile Offset Press" because of its amazing ability to produce at high speeds and with unexcelled quality either two colors on one side or one color on both sides of a sheet! But more than that, the Miller TPJ has the features most wanted for consistent, dependable, *profit-making* operation.

For firms looking to future expansion, the Miller SJ Single-Color is a logical choice. The addition of a second color unit transforms the Miller SJ Single-Color into the Miller TPJ Two Color-Perfector.

MILLER PRINTING MACHINERY CO.
1103 Reedsdale St., Pittsburgh 33, Pa.

miller

In Canada:
SEARS LIMITED • 253 Spadina Road • Toronto 4, Ontario

For More Information Circle 176 on Reader Service Card

PRINTING PRODUCTION

Look in the Yellow Pages

Look in the yellow pages of this issue for listings of companies which sell printing equipment and supplies. This Where To Buy directory is intended to be a useful daily reference for all Graphic Arts people.

The production of such a directory involves nearly a year's work by our staff. The more than 1000 different companies listed have been contacted to determine their present product lines. This information has been incorporated in the departmentalized indexes, carefully checked and then proofread to provide a reliable directory for the user. Also, new information has been added this year on paper and envelopes. We suggest that you save this issue and consult it in 1961 for your purchasing needs.

Let's Improve Printing Week

For one week next month printers will step into the public limelight to celebrate International Printing Week of 1961 (Jan. 15-21). There will be banquets, posters, newspaper publicity, radio and TV spots, queens, and even a "Prints Charming."

Although all this fanfare is fundamental to Printing Week celebrations, there is a need for more constructive programs in America's printing cities. The observance must be given a sense of purpose and a feeling of accomplishment.

Too few organizers of local Printing Week events want to be bothered with programs for high school audiences, scholarship awards, recognition of outstanding industry members, and public displays of printing. Are such events of such an unglamourous nature that they do not appeal to the organizations sponsoring the Week?

We would like to see printers and all Graphic Arts people become aroused over what is being done in their towns for Printing Week. Complacency often leads to weak, second rate programs. Much can be accomplished by the hard working people who volunteer their talents. But the effort should stress events which will yield a return—both in education and business—to the printing industry.

INTERNATIONAL PRINTING WEEK • JAN. 15-21

Create the Best Impression with

INSIDE COLOR SCHEME

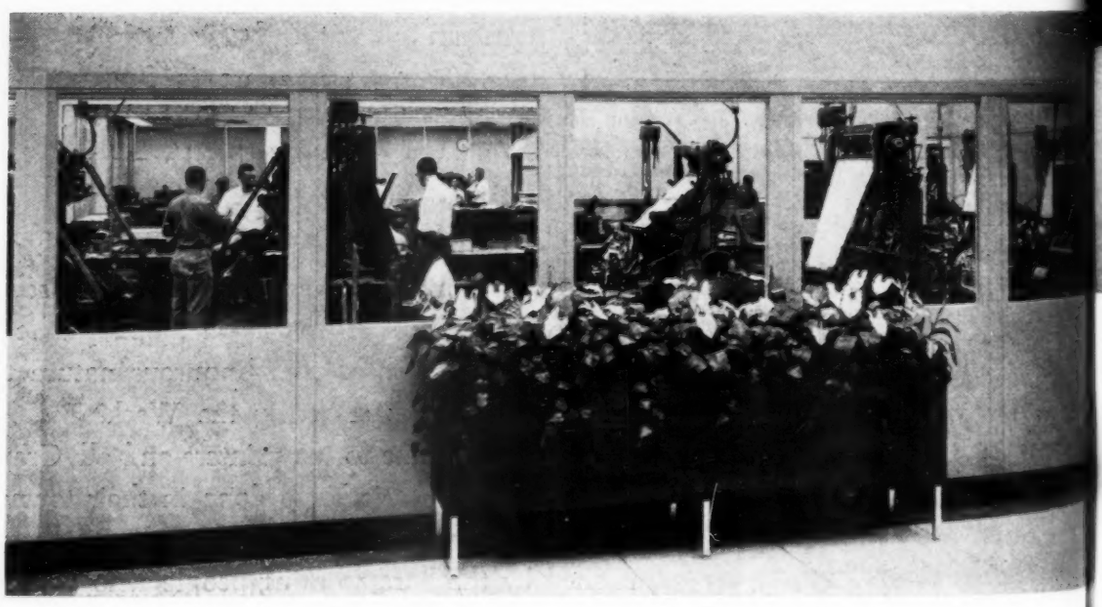
New printing plants of* Wall Street Journal *make effective use of wall, floor and machinery colors

By JOHN D. HEMMLER

INTERIOR color in the production departments and offices of a printing plant can add measurably to working conditions and appearance—or create adverse effects, depending upon color selection.

The desire to create the proper impression for both workers and visitors alike through inside color was a principal objective of *Wall Street Journal* management in its two newest printing plants. The plants—in Cleveland and Chicopee Falls, Mass.—include combinations of interior color which have been attractively planned with taste and forethought.

For example, in the Cleveland plant the inside color scheme seems to center around the impression given visitors entering the front lobby. The composing room, facing the lobby, is prominently viewed through a glass and metal partition. If you attach very much importance to appearances in business, then you would be impressed by the



Composing room operations in the *Wall Street Journal's* Cleveland plant may be observed through windows like this in a 70 ft. expanse of wall facing the lobby. Color contrast used on the walls is designed for both visitor and worker appeal.

colorful, bright and clean atmosphere in which the country's top business newspaper goes to press.

The arrangement of both plants, including the use of color, was specified by the *Wall Street Journal's* Div. of Development and Planning to the Austin Company, engineers and builders. The *Journal's* previous use of pleasant colors has enhanced the environment of its plants and offices, and it designed these new plants for color harmony as well as efficient workflow. The Austin Company assigned its architectural consultant, A. A. Rothmann, to work with the *Journal* in establishing the exact materials and colors to meet its requirements.

Taste and Judgment

Rothmann said the feeling for correct and pleasing color arrangements can be attained only through education. He explained that he does not depend upon the established color combination systems for choosing schemes which complement or contrast. It is more a matter of personal taste and his own judgment. He admits this experience was gained by working under and studying with professional colorists.

Rothmann also indicated the selection of a color scheme depends upon a number of factors. These should be considered together before establishing a particular scheme. He believes that colors should be chosen which have lasting qualities and will not become tiring to the eye after a period of time.

High on the list of important considerations is the plant's lighting conditions. Even the direction from which light enters is important to the final decision. Natural light and its combination with interior lighting has an effect upon the color and its appearance.

Various illusions with color can be created if desired. For example, depth can be simulated in a small room by painting inside walls a dark color opposite the entering light. This tends to make the wall recede and fosters the feeling of great spaciousness.

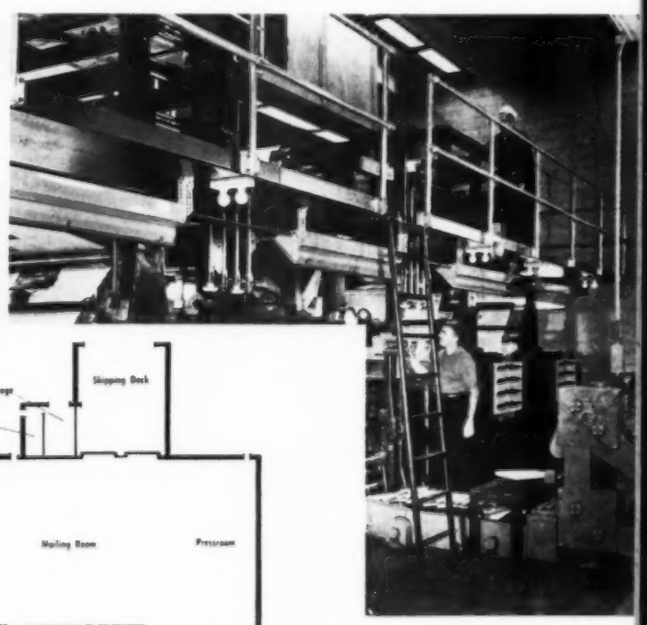
The effect of color schemes upon employees is also a factor. Monochromatic color schemes, or those which employ colors which are not pleasing or clash with each other, tend to tire the employee. Colors which are planned for variation and restful vision, however, can help to reduce employee fatigue.

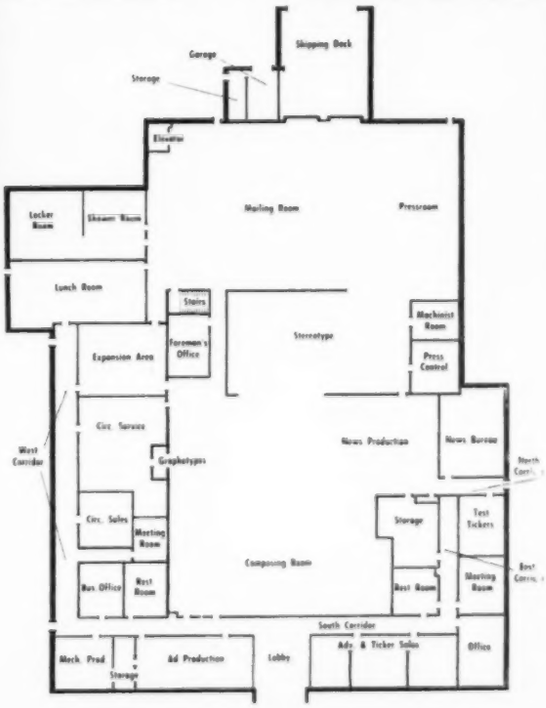
Rothmann indicated that the key to choosing industrial color schemes is to first determine the largest and most important area in the plant. Other colors are then planned from this primary center. In the case of the *Wall Street Journal's* Cleveland plant, the key was the composing room, which was deliberately placed opposite the front entrance. In addition to allowing a straightline production operation, the *Journal* wanted to create visitor interest in newspaper operations.

Focus Attention Through Color

Not desiring, however, to allow this traffic through the composing room, hallways leading to the rear of the plant were provided on either side of the building (see floor plan). This rather unusual arrangement of focusing attention, but not allowing interference in operations, is one of the major features of this colorful plant.

The focal point is improved further by the skillful use of color in the lobby. The North wall, which is the glass and metal partition between composing room and lobby, is painted in two shades of green. The portion of the partition immedi-





Bright (90 foot-candles) and spacious surroundings have been designed into the Cleveland composing room (above) of the *Wall Street Journal*. Production flows into the stereotype department in left background. Hoe press (at right) in Chicopee Falls, Mass., plant is rated at 70,000 32-page papers per hour. Walls are painted a special light color to add brightness to room. Floor plan shows arrangement of Cleveland plant. Straight line workflow and corridors around production departments are special features of the plant.

Mailroom view facing the pressroom in the *Journal's* Cleveland plant. Conveyors carry individually addressed copies from mailing machines on right to the bagging stands. Conveyor in foreground moves papers for bulk delivery. Overhead illumination is 65 foot-candles.

ately opposite the entrance is framed in dark green with the lighter green surrounding this focal point. Thus, the accented wall subtly focuses attention upon the desired point.

The advertising, ticker sales, and ad production departments are located on either side of the lobby and separated by metal railings. The combination of these departments plus the lobby produces a long narrow area running parallel with the front of the building.

The longer North and South walls are painted in the darker green, while the shorter East and West walls are decorated in the lighter green. This helps to create the illusion of depth mentioned previously.

Floors in these departments, with the exception of the lobby, are covered with vinyl asbestos tile of a nutmeg color. Lobby floors, however, are contrasted so that attention is again brought to bear on the composing room partition.

Composing Room Colors

The color scheme in the composing room consists of seashell (a light coral) walls and metal partitions. The floor of vinyl asbestos is Scotch gray which complements the walls. It consists of a marbleized pattern with flecks of coral on a background of gray. The ceilings throughout the plant except for the mailroom and pressroom are white acoustical tile.

The stereotype department opens from the rear of the composing room. Walls in this department are painted in the same color as the composing room. Floors, however, are of concrete since heavy form trucks and plates are moved through the room.

Mailing room and pressroom are painted in bright yellow and have ceilings of white. This is accented with doors and trim of pearl gray. When questioned about use of light colors in the pressroom and the effects of ink mist, Rothmann replied that because both departments are in the same room, colors should remain unchanged. The paint used, however, was different. He said that a plastic paint was used in the pressroom which facilitated cleaning because the ink mist could not penetrate into the pores. The slight gloss and luster of the paint also aid in cleaning.

Another reason for the bright colors is the lack of daylight entering these departments. The colors reflect the fluorescent illumination rather than absorb it.

The paper storage area in the basement, which is completely enclosed by walls, has doors and trim painted in pearl gray. Columns in storage areas of the *Journal's* new Chicopee plant are painted in addition to doors and other trim. This is unusual since storage areas are rarely decorated.

Even the equipment in the Cleveland plant is painted. Composing machines are of a bright green. Stereotype equipment has been painted various shades of green and gray, and the press is blue and gray.

Rothmann believes that machinery should also be considered in reaching the best possible color scheme. Another element is the color of furniture, draperies, and equipment.

A final but important factor is that of being sure that colors will look the same under all types of lighting conditions. This can be assured, Rothmann suggested, by ob-

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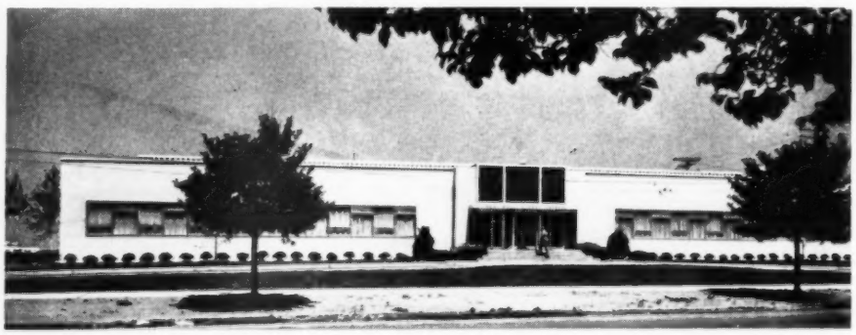

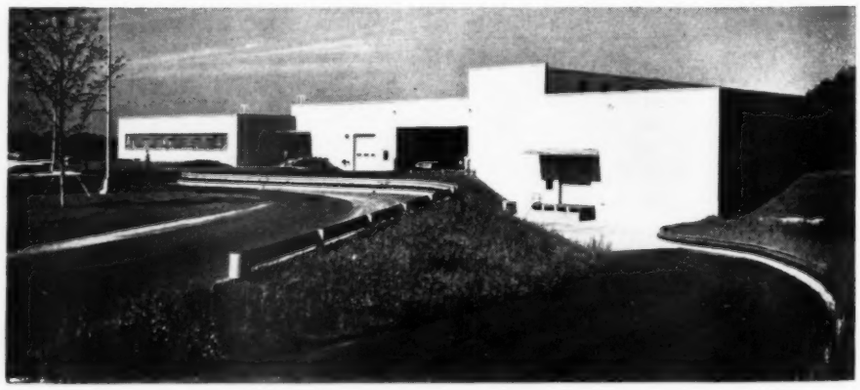

Views of the *Wall Street Journal's* two newest publishing centers. At top is a front view of the Cleveland plant; below it is a view of the split-level service drive at the Chicopee Falls, Mass., plant.

How to Live with

LITHO PROCESS COLOR

Advice from a practical printer on techniques for handling color work in the litho pressroom

By HENRY C. DANIEL

THE offset pressman can print a color job only as well as is permitted by the quality of the plates. One cannot put too much emphasis on the importance of good plates.

There are numerous types of plates, of course. We will not try to say which is best, but we will tell you what is best for our particular operation.

Primarily, our company is in the publication field. Most of our color process work is on magazine covers. These covers are run whenever possible in combination. There are sometimes as many as four to six different covers and a total of eight to twenty covers on the sheet.

The plates are exposed on a photocomposing machine with up to 40 shots on a plate. Since so much time is consumed in registering and shooting plates, it is necessary to have a plate that will stand up under any number of impressions and under all conditions.

We work only one shift in our plate department. Consequently, we want to be sure we have a plate that will run throughout the night on the press.

Two Kinds of Bi-metal Plates

We have settled on two bi-metal plates. One is copper on stainless steel and the other is copper on aluminum. The aluminum plate is favored in cases where we have full bleed screens on most of the plate.

The advantage of the aluminum is better contact in the composing machine. The advantage of the steel plate is its ability to be used again. In making the plate, not only is it important to have good contact, but the light source must be constant. We have encountered variations on plates due to a faulty arc lamp which was corrected. We do, however, vary exposures on different color plates in order to get a better result on the finished four color sheet. This also can be done in the developing and etching steps. (*Continued on Page* 90)

ABOUT THE AUTHOR: Henry C. Daniel's "first love," he says, is web offset. The fact that he has worked in offset lithography for 26 years is substantial proof that it also is a "lasting love." Presently, he holds the position of assistant superintendent of Atlanta Lithograph Co., Atlanta, Ga. For the last 10 years he has actively engaged in supervision of offset process color work and web offset magazine work. Entering printing at the early age of 15, he later operated the first two color press in Atlanta; also the first web offset press in that city. He was first president of the Atlanta Litho Club. His article is from a talk given at the Intl. Craftsmen's Convention, August 1960.

PIA WE

IN WASH NG

Ribbon cutting ceremony which marked the opening of PIA's educational exhibit in Washington was attended by many of the association's officials. Left to right are: Elmer G. Voigt, past president; John M. Wolff, past president; John Bresnahan, PIA counsel; Raymond Blattenberger, U. S. Public Printer; A. E. Giegengack, exhibit manager; Francis Ehrenberg, new president; Walter F. McArdle, immediate past president; Carroll C. Barfield, president, Rotary Business Forms Section; and Kurt E. Volk, past president. Behind Volk is Bernard Taymans, PIA's general manager.

Newly-elected PIA officers in right picture reflect a happy, relaxed mood. Left to right are: Frank Pfeiffer, treasurer; Francis Ehrenberg, president, and Oliver R. Sperry, vice president.

Printers Hear of Possible Union Merger

A SINGLE labor union for the printing industry is the expressed goal of top officials of at least four printing trades unions. The announcement was made to top management members attending the 74th convention of Printing Industry of America held at Sheraton-Park Hotel, Washington, D. C., Oct. 24-29.

The four unions—the Lithographers, Pressmen, Typographical and Photoengravers—are among the biggest in the Graphic Arts. Each sent its highest ranking officer to address the Union Employers Section of PIA.

Biggest single reason mentioned for a merger of printing trades unions is that it will eliminate jurisdictional disputes. Most outspoken for the proposal was Elmer Brown, president of the International Typographical Union, who said that sentiment is strongly in favor of one union. Alexander Rohan, vice president of the International Printing Pressmen and Assistants' Union of North America, declared that within the next year they hoped to have a concrete proposal on such a merger to present to employer groups.

The PIA convention attracted over 1200 for an event-filled week. In addition to separate addresses by the heads of six unions, it also included election to the PIA presidency of Francis N. Ehrenberg, the association's first large scale equipment show, and two days of production and technical discussions (see story, opposite page).

Ehrenberg, the new PIA president, is chairman of the board of Rumford Press, New York City. He succeeds Walter F. McArdle, president of McArdle Printing Co., Washington, D. C.

Other new officers include: Oliver R. Sperry, R. R. Donnelley & Sons Co., Chicago, vice president; Arthur H. Gratz, Herbick & Held Printing Co., Pittsburgh, secretary, and Frank F. Pfeiffer, Reynolds & Reynolds Co., Dayton, O., treasurer.

The equipment show was the big

By EDWARD H. OWEN, *Editor*
and JOHN HEMMLER

EK

NGTON, D. C.

Registering for next year's PIA convention in Pittsburgh is new PIA president, Francis Ehrenberg of Rumford Press, New York. Looking on are Thomas H. McCabe, Jr., Printing Industry of Pittsburgh, and Sharon Worsham, Washington, D. C.

attraction of the convention and from mid-week until its closing was open to the public. It included working machinery, live demonstrations and colorful exhibits of the newest products available to the letterpress and litho printing fields. Although PIA officials credited the show for much of the large convention attendance and said they would continue such shows, there was no definite commitment from the show's management on next year's plans.

Next year's convention will be held in Pittsburgh at the new Pittsburgh Hilton Hotel, Oct. 9-14.

The Man-of-the-Year in the

(*Continued on Page* 50)

Toughest Job in the Plant Is That of the Production Man

THE toughest position in a printing plant is that of a production man, but yet it is also the most interesting. This opening statement by Willard E. Brown of Judd & Detweiler, Inc., Washington, D. C., set the pace for what was to come at the Production Session of Printing Industry of America's convention held at the Sheraton-Park Hotel, Washington, D. C., Oct. 24-29.

The two-day meeting included important discussions on establishing standards, ways to save time in production (see page 53), purchasing new equipment, and a technical forum which dealt with problems of the plant.

Brown, the first speaker, said the production man must be sales oriented and understand the climate of his company. He must be able to communicate these feelings to the people in the plant. The speaker also stressed that any employee who has customer contact, even the delivery boy, presents an image of the company to the customer and has the potential to gain or lose sales.

Brown indicated the practice today is to place a technician in customer service follow-up. If the individual is not sales minded he can very well be responsible for losing an order. He warned against putting failures from other departments into customer contact work.

What is a Production Man?

The production man, Brown said, must have more ability in production than a general manager. He must be able to accept criticism from almost everyone. While it is the toughest job in the plant, it is also the most interesting.

"What type of man is this?," Brown asked. He emphasized the man never misjudges that people know as much as they indicate. He does not assume that people understand fully. In addition, he should have an understanding of the philosophy of the business. He must know the ethics—how far the company is willing to go on trade customs, for example—and should be aware of the over-all broad policies of the company.

One of the most important attributes the production man can have is the ability to think clearly. Most people, Brown said, think 30% through a problem then make a snap judgment which turns out wrong. The individual should have the ability to attack a problem in its entirety.

Loyalty is another important attribute. Brown claims there must be an emotional attachment to the company before a man can do his best.

Concerning foremen, Brown said many times a foreman feels lost, caught between the unions and a production department which does not understand his problems. Although he is aware of the causes, he is frustrated and defeated because he cannot communicate them. The foreman's worst problem is the lack of following instructions on the part of the people he supervises. This, Brown reminded, is usually due to a lack of pride in their work.

At the close of Brown's talk, the chairman of the session, Grant Herman, Kable Printing Co., Mount Morris, Ill., said a growing practice in the industry today is to have periodic interviews with employees. This gives both parties a chance to exchange ideas and offer suggestions. Admitting that employee reaction is negative at first, Herman said they later embrace the practice.

Determining Production Standards

How one company derives and determines production standards and unit costs was described by Byron W. Stinson, Thos. J. Moran's Sons, Inc., Baton Rouge, La. In 1950, the company explored the possibilities of expansion and diversification which resulted in the purchase of a webfed rotary flexographic business forms press and collator in 1951.

(*Continued on Page* 51)

Printing trade union officials who addressed the PIA convention. Seated, left to right: Alexander Rohan, vice president, Pressmen; Wilfred T. Connell, president, Photoengravers; Elmer Brown, president, Typographical. Standing: Joseph Denny, president, Bookbinders; Kenneth J. Brown, president, Lithographers; James H. Sampson, president, Stereotypers & Electrotypers.

(All names read from left to right)

Dycril photopolymer printing plants are discussed in left picture by K. W. Haines, E. I. du Pont de Nemours & Co.; Paul H. Bird, administrative manager, Deere & Co., Moline, Ill., and D. B. Hurd, Du Pont. Far right picture shows Clevelanders in Washington: Cal Loefgren, Harris-Seybold Co.; Ernie Engle, Printing Industry of Cleveland, and Carl Schafer, Penton Press.

Press demonstrations at Geo. R. Keller, Inc., booth (left picture) occupy the attention of W. A. Keller of the Keller firm, W. J. Barrett and Robert Solan, both of the Navy Department, Publications Div., Washington, D. C. In far right picture, questions and answers hold the interest of William C. Thomas, plant manager, Findlay Printing & Supply Co., Findlay, O.; William Webber, director, Lithographic Technical Foundation, New York, and Theodore Weiss, Atlantic Numbering Machine Co.

Unions Concerned About 'Flash Flood' of Technology

(*Continued from Page 49*)

Graphic Arts award went to Peter Becker, Jr., of Arrow Service, Washington, D. C., in recognition of his work in printing finance studies.

Announcement was also made at the convention of a summertime executive development program to be offered for the training of executives in the printing industry. The program is made possible through a special grant made to Printing Industry of America and will be held at Western Reserve University in Cleveland.

The printing union spokesmen who addressed the convention are as much concerned about the "flash flood" technological pace in the Graphic Arts as they are about the proposed merger. Kenneth J. Brown, president of the Amalgamated Lithographers of America, told about a crash program started several years ago to bring its members up to date on technological improvements. The objective, he said, was to break down resistance of the membership to new processes. He called his union's position progressive and insisted that the ALA wants to provide for an orderly introduction to new equipment and new processes.

Offering proof of his union's intentions, Brown mentioned a Chicago local has spent $200,000 to construct a building for research and educational purposes. He added that the ALA intends to pursue aggressively this "positive position."

Biggest concern of the unions is for the dislocation of workers resulting from introduction of new processes. Brown held that a company should provide for cost of retraining so that workers won't lose their jobs. He added: "Management should accept this responsibility."

The Lithographers Union president also foresees dramatic changes in the next 10 years and feels that union and management should be prepared to meet this responsibility.

Variations in Plant Production Standards

Watching a demonstration in top photo of Lanston Monotype's Monomatic keyboard are Samuel F. Chernoble, president, Comet Press, New York City, and Stephan J. Bresk, production manager, Rein Company, Houston. Lee Nelson of Lanston Monotype Co. is seated at the keyboard. Enjoying the advice they are receiving in lower picture are Ned Evans, Miller Printing Machinery Co., and William Clawson, Harris-Intertype Corp. Their advisor is Helen Winters of Graphic Arts Employment Service, Inc.

He said that labor should set up with management a commission to study manpower requirements for the next 15 years.

Brown remarked that there is more interest than ever before in one single union for the Graphic Arts.

Invited to a 'Wedding'

Spokesman for the Typographical Union, Elmer Brown, said that the move to one big union is making real progress. He felt that it will eliminate jurisdictional disputes and should bring stability to the industry. He quipped that . . . "when the wedding does take place, all will be our honored guests."

(*Continued on Page* 52)

(*Continued from Page* 49)

In establishing a program for determining production standards, Stinson said management's attitude must not be belligerent. The program must be sold to the employees who will very likely look upon it with misgivings. Prior to establishing production standards, he continued, there must be a quality level so it does not suffer in the accompanying confusion.

Stinson insisted there is no such thing as a standard for the industry, but only individual plant standards. For example, there are three published standards for the industry which vary with each other on production standards for the same job. For a particular press on a certain job, he said, the range was from 2000 i.p.h. to 3875 i.p.h. Thus, he added, his company decided to set up standards for its own operations.

To construct a production standard, Stinson suggested the following steps: (1) Select the operation to be timed; (2) Break it down into its component parts; (3) Time operation with a stop watch; (4) Improve the operation; (5) Set tentative standards; (6) Compare these with outside sources; (7) Correct.

Breaking Down an Operation

He illustrated how a complete operation such as makeready could be organized for establishing a standard. Makeready could be broken down into a list of timed individual operations such as putting a plate on the press or the time taken for a coffee break. The time spent on one operation was averaged, ignoring very high or low times. This was then compared with a published outside source such as *PIA PAR*.

Where a very high variation occurred, the answer was looked for in the plant. The machinery may have been obsolete or a problem existed which was unique to the operation. When the answer was discovered, steps and changes were taken to decrease the variation between the published standard and its company's standard.

Times were established on the basis of jobs which did not encounter any problems. These times, Stinson warned, should be adjusted for estimating and pricing information since a job rarely flows through a plant without experiencing some difficulty.

Standards, Stinson explained, could be used to: Measure performance, improve methods, install incentive programs, create morale, increase production, establish more accurate estimates, improve scheduling, and provide valuable information for cost control.

Stinson gave an example of how standards were valuable in establishing productivity of new equipment. The production manager was asked to set a standard of which a new machine was capable. This standard was to be compared periodically with actual production time figures. Stinson indicated the first report showed that actual time was 260% over the standard set. This, management thought, was due to the breaking-in period and a general unfamiliarity with the machine. The second report showed a 265% variation. Management then began to delve into why the standard could not be met and eventually succeeded in reducing the time to 107% of standard.

Stinson felt the setting of the standard was vital. Otherwise, he said, it could not be determined whether the machine was producing what it should, and would probably still be producing at the first figure.

Only Wants Basic Info

Gordon Rohde, Reynolds & Reynolds Co., Dayton, O., provided information on production forms used at the Reynolds plant. Rohde is a believer in brief and concise forms which carry only basic information. If a more detailed report is needed, it can then be carried out.

Production reports point out equipment and employees who are good, those who are average and those who are substandard, he said. This information cannot be gathered in one report, therefore the process must be a continuous one.

Rohde then explained three forms in use in the plant. One consisted simply of a copy of the scheduling

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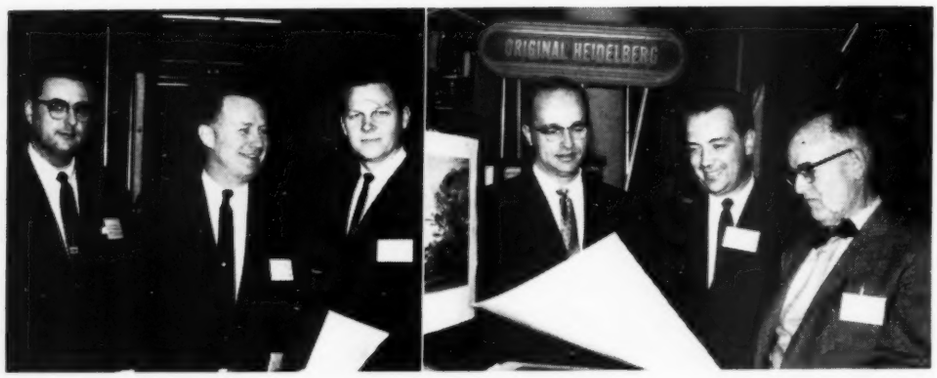
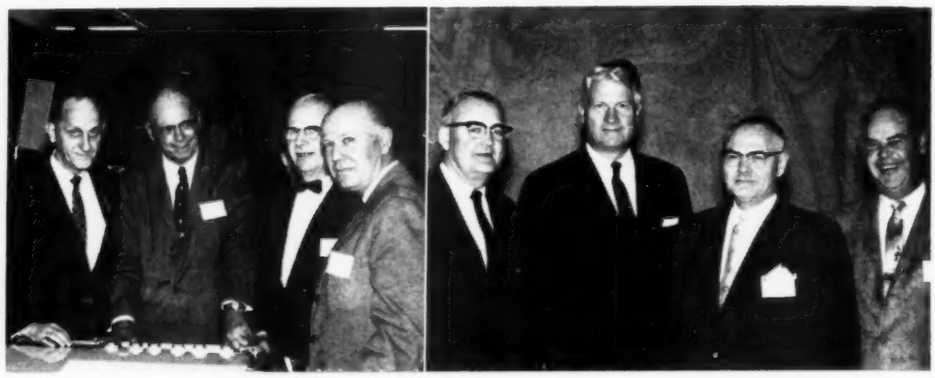


(All names read from left to right)

PIA educational exhibit visitors at far left included: H. Paul Rosenberg, Midland Lithographing Co., Kansas City, Mo.; William Webber, Lithographic Technical Foundation, New York, and Lloyd Butler, Harris-Seybold Co., Cleveland. Heidelberg press sheets are examined in near left picture by John Haworth, Heidelberg Eastern, Inc.; Edgar H. Walker, E. H. Walker Supply Co., and C. Garrett Miers, partner, Miers Lithographic Service, Allentown, Pa.

(All names read from left to right)

Grouped around nuArc's new line-up table in near right picture are: John Schultheis of nuArc Company; Eugene R. Johnson, Sr., president, Johnson Press, Pontiac, Ill.; Charles E. Kennedy, Southern Graphic Arts Assn., Nashville, Tenn., and John Porter, American Type Founders Co. In far right photo are: Felton Colwell, Colwell Press, Minneapolis, past president of Research & Engineering Council; Paul Lyle, Western Printing & Lithographing Co., Racine, Wis., and vice president of Research & Engineering Council; E. Bartlett Brooks, Wayne Colorplate Co., Dayton, O., and president of American Photoengravers Assn., and Howard J. Soriano, Sinclair & Valentine Co.



Pressmen Say Some Unions are Ready to Merge

(*Continued from Page* 51)

Brown also said the ITU ". . . wants progress—not a policy to hold back." He mentioned a million dollar training center in Indianapolis which is being used for retraining of members and apprentices in composition practices. The ITU believes training is necessary, he said, to protect the interests of employees. He later contended that the ITU's foresight has paid handsome dividends for employers.

Vice President Rohan, representing the Pressmen, said that some unions are ready to move immediately on the merger proposal and indicated that two or three may do it very soon. He admitted this might give printing industry labor a "big club," but insisted this was a defensive action and not an offensive one.

Rohan said his union welcomes new changes and new processes, and went on to describe the work of the technical school at Pressmen's Home, Tenn., where he said nearly $1 million is spent in a year for retraining. He said this retraining is a service and invited employers to make use of it.

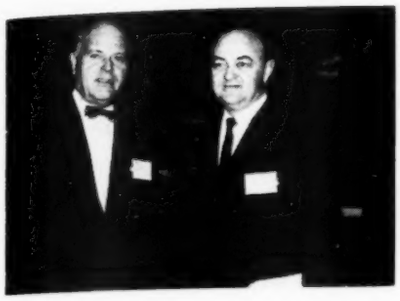
Another Jurisdictional Headache

"We deplore this move to have typographers and pressmen take over platemaking," said Wilfred T. Connell, president of the International Photoengravers' Union of North America, in defense of that union's position. He said the Photoengravers' Union realizes that typographic shops are installing platemaking equipment. His union, he added, has taken a dim view of these developments and is taking steps to protect itself.

He contended: "We are the original platemakers. If platemaking is done it should be done through the photoengraving industry. We have the proper skills and we have never placed any roadblocks. The impact of new processes has been felt more severely in the Photoengravers' Union than anywhere. We have suffered more unemployment, but have never discouraged acceptance."

Earlier in his talk, Connell said that he feels lithography is in a better position because it is represented by one union. He commented that he thinks the letterpress industry is too broken up and represented by too many unions.

The union president mentioned "integration," but said they have not reached a point yet where there is any real progress towards integration. He also said that the photoengravers no longer have a "cozy, secretive position." The "smug feeling" is gone—all changed by new machines and processes. Connell ended his talk by calling for in-



Press problems are discussed in top photo by J. H. Myers, manager of paper division, Pillsbury Company, Minneapolis, and Robert R. Barker, Hess & Barker. Two presidents of printing companies who paused for lower picture are P. F. Good, Lawhead Press, Inc., Athens, O., and Frank E. Simon, Publishers Printing Co., Louisville, Ky.

tegration and saying that ". . . we should work for each other."

The dislocation of workers as the result of new processes was the main concern of Joseph Denny, president of the International Brotherhood of Bookbinders. He asked for an orderly transition from one process to another.

Denny also insisted that his union welcomes automation and believes in the sharing of progress. He also mentioned that 92% of the Bookbinders Union members are presently working a standard week of less than 40 hrs. Many are employed on a 35 hr. week, he said, and added that he hopes this will become universal in Graphic Arts.

Segal Responds to Unions

The employers had the final say at the meeting in which the union presidents participated. Mendel Segal, president of the Union Employers Section of PIA, delivered the response in a prepared address.

Speaking to the union leaders, Segal said: ". . . you should face up to the fact that the longevity and success of your unions and our plants can be preserved only by recognizing that final decisions

(*Continued on Page* 98)

Profit is Measured in Minutes

SUGGESTIONS for saving minutes during printing production operations which will help improve a company's profits have been made by Don Sommer, a staff member of Printing Industry of America, Washington, D. C.

Sommer, speaking at PIA's Production Session of the annual convention held on Oct. 28, said that production in the Graphic Arts is not keeping pace with costs. He illustrated his point using a comparison of present hour costs on a Miehle Vertical press with the same press 10 years ago. In 1949, he said, all inclusive hour costs were $2.62, while in 1959 the costs were $8.90.

Further strengthening his argument of production vs. costs was his comment that the Graphic Arts industry is characterized by the number of people who work with their hands—far higher than in other industries.

5% Boost in Production

His thought provoking statements included suggestions which, if followed, he said, would boost production 5% in both small and large plants alike. He emphasized the suggestions were designed to save minutes which are so vital to profits in today's competitive market. The average profit on sales is 2.6% and with today's costs, is made only during 12 min. of the day's production.

Sommer's first suggestion was to reduce startup and shutdown time. Corners should be cut wherever possible to reduce this factor. For example, he indicated washups on the press are not as important as they once were due to the anti-ink drying sprays available. A simple effort to stop employees from washing up on company time will allow an increase in production in the last few minutes of the day.

Another point was to provide complete instructions which are clear and concise. If each employee fully understood the instructions, a large amount of time would be saved by eliminating the need to ask someone else for clarification.

By advancing average speeds at least one notch on equipment, a large production increase would be in evidence at the end of the day, Sommer said. He remarked that many pressmen operate their machines by sounds—they feel that something will break if operated at higher speeds. When such equipment is run at slower speeds for this reason, the machine is not fully utilized. He commented that he knew of some companies that eliminate all intermediate speed ranges, forcing the employees to run at either fast or slow speeds.

Transferring delay operations to operating time was another suggestion Sommer made. These operations consist of making out time cards, cost records, etc., after the machine has started producing rather than when nothing is being produced. Instructions for the next job could be given while the machine is running.

Sommer urged an increase in productive efforts, that is, a more effective use of the labor that goes into a job. He gave as an example a man stacking paper in 1 in. lifts. Could not the man be asked to stack the paper in 2 or 3 in. lifts, he asked. Just because a cutter finds that a particular job must be cut in small lifts in order not to spoil the job, it does not mean that all succeeding jobs must be cut in small lifts. The production man should be alert enough to ask why things could not be done differently rather than just to accept it as procedure.

Who's to Blame for Delays

His last point was to manage production and not allow it to manage you. He spoke of delays on production equipment, commenting that 43% of them were due to management, 26% due to operators, 17% for repairs and 14% for just plain waiting time.

Sommer was asked if he ever thought that printers would reach the time when production was not quite so vital—that the "more production" philosophy has been propounded for so many years a point would be reached where more production could not be squeezed out.

Sommer replied that the industry

(*Continued on Page* 67)

SIGHT-SEE GOSS

the world's unique plant fo bu

The welcome mat is out at Goss whenever you're in town. And we're sure your visit will be highly profitable—through the only plant in the world especially built to design and construct rotary presses.

Tour our over-10-acre plant, housing many million dollars worth of the most modern, specialized equipment. See how the skills of hundreds of engineers and master machinists create and bring their drawing-board dreams to life. Observe the stubborn researchers, dissatisfied with even the latest and finest, working to make it still better.

You may view several giant presses being built simultaneously in the press erection area. And no two will be exactly alike. Every Goss press is "tailored" (from the only complete line available) to fit a certain newspaper's needs.

So next time you're in Chicago, arrange to stop and see us at Goss. There's no obligation to learn *why* we say Goss builds the finest, most modern presses and equipment.

***3** out of **4** American daily newspapers are printed on Goss presses*

THE GOSS COMPANY

CHICAGO 50, ILLINOIS

Specialists in newspaper, magazine and roto presses

A DIVISION OF MIEHLE-GOSS-DEXTER, INC.
The leader in graphic arts . . . engineering, service and manufacturing . . . industry-wide and world-wide

For More Information Circle 72 on Reader Service Card

Microtab Permits Automatic Magnesium Halftone Etching

A SPECIAL engraving process which includes suitable equipment for automatically etching magnesium halftone plates is now ready for field testing. The acid etching time is governed by a small strip of magnesium metal which is immersed in the bath with the plate to be etched.

According to Lester H. Doro, research director, Doro Corporation: "This is a specialized machine, designed for halftone engraving on magnesium metal only. . . . The present bath is not suitable for deep line etching, although research continues in that direction." Halftones from 50 to 150 lines may be etched by this process.

One of the objectives in development of the process is that after a flat has been mounted on the Plexiglas etching rotor together with what is called a Microtab, or fuse, the action of the etching process is automatic.

The Doro automatic etching machine consists of a floor base plate on which is mounted a two-compartment rubber lined tank. One compartment contains the 70 gal. etching solution. The other compartment is the rinse chamber. Also mounted on the base plate is the rotor or disk lifting and rotating mechanism.

The etching bath consists of hydrochloric-aluminum sulphate solution. Reportedly, the etching rate is 0.001 in. in 7 sec.

Etching time for the various halftone screens is determined by the use of a Microtab. When the exposed portion of the Microtab has been dissolved by the etchant, the plate is automatically immersed in the rinsing tank. The Microtab is said to control the etching time within a tolerance of ½ sec.

The Etching Operation

The magnesium plate is prepared for halftone etching by conventional methods, using standard commercial resists. The plate is clamped to an etching disk in the engraving machine.

To start the etching action, the operator engages a push button which starts the motor. At this time the etching rotor starts revolving. Also, cams lower the rotor carrying the magnesium plate into the first chamber containing the etching solution. Both plate and Microtab are immersed in the bath simultaneously. The etching disk rotates, first clockwise, then counterclockwise, reversing every few seconds. This reversing rotation continues throughout the etching cycle.

The plate continues to etch until the Microtab is severed by the etchant, thereby releasing the tension which actuates a raising and traversing cam. Through this action, the arm upon which the rotor is mounted raises the etched plate from the etching tank and lowers it into the rinsing chamber.

As the plate is lowered into the rinsing chamber, an automatic device trips the pressure spray system to wash the plate free of any adhering etching solution. A special cam system allows 13 sec. in the spray rinsing chamber. After expiration of the rinsing period, the etched and rinsed plate is raised upwardly and is returned to the loading position. The plate is then ready to be prepared for printing.

Partial view of Doro magnesium halftone etching machine and operating mechanism. The moving arm is shown with Plexiglas rotor to which is attached an etched magnesium plate. Machine automatically stops etching action as determined by a Microtab or fuse (not shown). The plate is then immersed in the rinsing chamber at right. Water is sprayed over the plate under pressure to remove all traces of etching solution. Plate is now returned to loading-unloading position as shown in the picture.

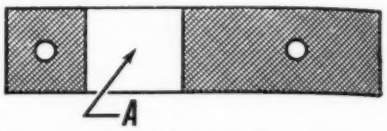


Fig. 1.—This is diagrammatic representation of a Microtab or fuse employed in the Doro etching system. It is 3⅝ in. wide by ¾ in. Its function is to determine length of time a magnesium halftone flat is to be etched. Thickness of the bare metal part *A* controls the time the plate is to be etched, according to halftone screen selected.

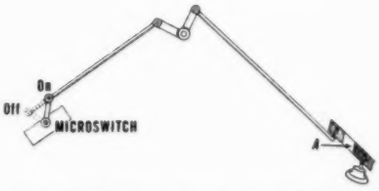


Fig. 2.—Diagram shows operating principle of Doro method for automatically shutting off etching of magnesium halftone plate. When the Microtab is severed at *A* by the etching solution, the bell crank lever working under spring pressure throws the switch to off position.

Controlling factor in the length of time the magnesium plate remains in the etching solution is governed by what is called a Microtab, or fuse (see Fig. 1). This is a small strip of metal of the same metallurgical specifications as the plate being etched.

The fuse is provided with a hole near each of its ends. Before a plate is lowered into the etching solution, the fuse is attached to the pins of a toggle arrangement so as to hook it up with a Micro-switch under spring tension (Fig. 2).

The main portions of the fuse are protected by a colored paint or resist, except for the middle area that remains bare and is exposed to attack by the etching fluid. These metallic strips are used in the Doro

(*Continued on Page* 71)

KODALITH ORTHO TYPE 3 EMULSION

Take your choice of many widths (roll film sizes as wide as 52") and many bases: glass, acetate, Estar Base.

Get the same superb Type 3 emulsion quality on any and all—the same emulsion uniformity that makes Type 3 predictable; the same remarkable latitude in exposure and development, plus the same high contrast, which has made Type 3 so popular.

Kodalith Ortho Plates, Type 3: for the discriminating whose ultimate desire to produce quality can only be realized by use of the ultimate in size-holding material, *glass*.

Kodalith Ortho Film, Type 3, Estar Thick Base: the next most stable material after glass, but with the easy handling characteristics of film.

Kodalith Ortho Film, Type 3, Estar Base: the general-purpose film that the trade has been buying, using, praising a lot this year.

Kodalith Ortho Matte Film, Type 3, Estar Base: for those who want matte finish on both sides of a stable film so that you may write or draw on it.

The support for all of the above films is Kodak's own Estar Base—tough, flat-lying, optically clear, fast-drying—the base which retains its high degree of stability through processing and in any weather.

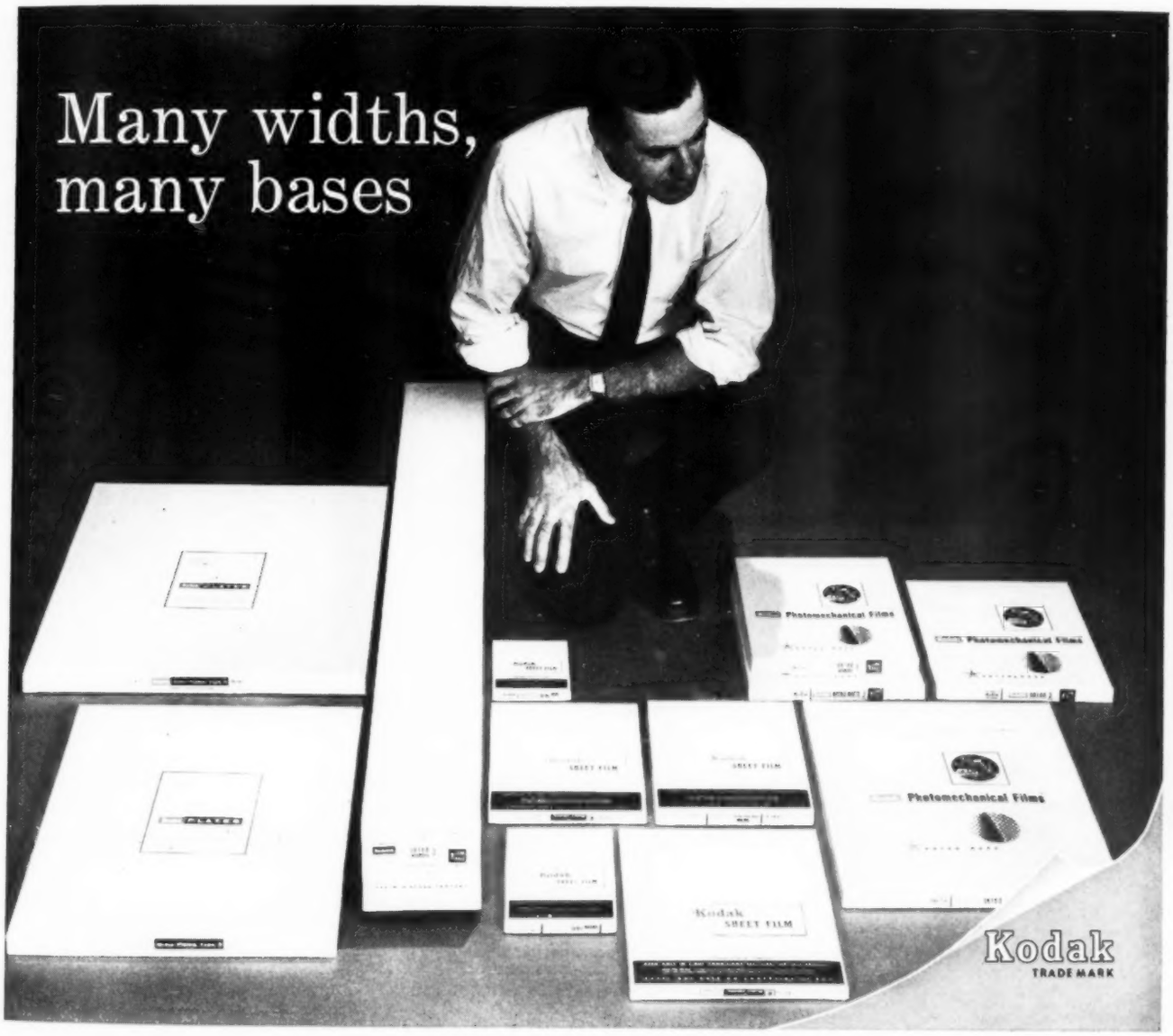
Kodalith Ortho Film, Type 3, and Kodalith Ortho Film, Type 3, Thin Base: both with acetate supports, either .0055" thick or .0035" thick.

Kodalith Transparent Stripping Film, Type 3: offers the benefits of a fine emulsion for a very important job. It dry-strips nicely, works well for powderless and conventional etching.

Many of these films will fit into your plant routine quickly without a problem. A call to your Kodak dealer is the next step.

Text for this advertisement was set photographically.

Graphic Reproduction Sales Division 〉 **EASTMAN KODAK COMPANY,** Rochester 4, N. Y.



For More Information Circle 71 on Reader Service Card

Typo Composition Industry's Expansion Due to Repro Proof Work and New Ideas

Sales and production in the typographic composition industry since 1929 have kept very good pace with other segments of the Graphic Arts. This is the finding of Cyril Wildes of the U. S. Census Bureau. He spoke before the October Dallas, Tex., convention of the International Typographic Composition Assn.

HARLOWE

Wildes noted that the pace of growth has quickened considerably during the past few years. The 1958 Census of Manufactures shows the typographic industry stepping up front in printing industry growth.

Strongly suggested as reasons for the typographic industry's rapid expansion were growth and production resulting from progress of lithography. This is evidenced by the fact that the largest single product of the typographic industry today is reproduction proofs. Also progress may be attributed to the industry's attention to and exploration of new markets and methods.

Officers elected at the Dallas meeting to serve for the 1960-61 term are: President, Clarence E. Harlowe, Harlowe Typography, Inc., Washington, D. C.; first vice president, Henry J. Wolf, Service Typographers, Inc., Chicago; second vice president, M. J. Baumwell, M. J. Baumwell Typography, New York City, and treasurer, Arthur B. Tichenor, Elizabeth, N. J.

Theodore Lawrence, CPA, Washington, D.C., spoke on the Composite Profit and Loss Statement for 1959-1960. Lawrence criticized some of the statements that are put forth by plant operators concerning their productive time. Very often, he said, this is a misleading figure. By making every single operation and activity pursued by employees a chargeable item, productive hours can represent a very sizeable portion of total time. The question is, he added, how many of these hours actually can be sold. He also said: "Management should be interested in 'saleable' hours and not just productive hours."

Sol Cantor of The Composing Room, New York City, unveiled plans for production of an attachment to linecomposing machines for the prevention of hairlines in matrices. While many methods have been explored and some have been useful, he did not feel that there is a satisfactory method of permanently repairing matrices casting hairlines between the letter characters. He is convinced the need is for a method of preventing hairlines in matrices.

Cantor said he has invented an attachment for Linotype machines that will prevent the breakdown of matrix sidewalls during the assembling operation. The device is to be called Sav-a-Mat and is scheduled for handling by Star Parts.

Now serving their second term as officers of the International Typographic Composition Assn. are, left to right: Henry J. Wolf, Chicago; M. J. Baumwell, New York City, and Arthur R. Tichenor, Elizabeth, N. J.

WHAT'S AHEAD FOR THE READER

How to handle a conservative volume of editorial color on a daily newspaper will be explained in next month's issue. Written by an authoritative plant executive, the article will deal with techniques for producing color at the lowest cost and still obtain high quality. Included will be a description of automatic register control through all photographing and platemaking steps.

Recent developments in proofreading will be reported in a January issue story by a *Printing Production* correspondent covering this month's conference on the selection and training of proofreaders. Information on aptitude tests, quality control in proofreading, and publisher-printer relationships will be included.

The advantages and economies of using roll film in camera departments will be detailed for readers in the next issue. Also, look for a story on how one printing company has integrated four major printing processes into its combined operations.

Other interesting features next month include an article on the performance of one of the new duplicate letterpress plates, a report on overseas developments, the popular Idea File of time-saving production tips, and the regular section on new products announced for the Graphic Arts.

ANPA-RI Names Rinehart Mechanical-Service Head

William D. Rinehart has been appointed director of the Mechanical and Service Div., American Newspaper Publishers Research Institute, according to Charles H. Tingley, managing director.

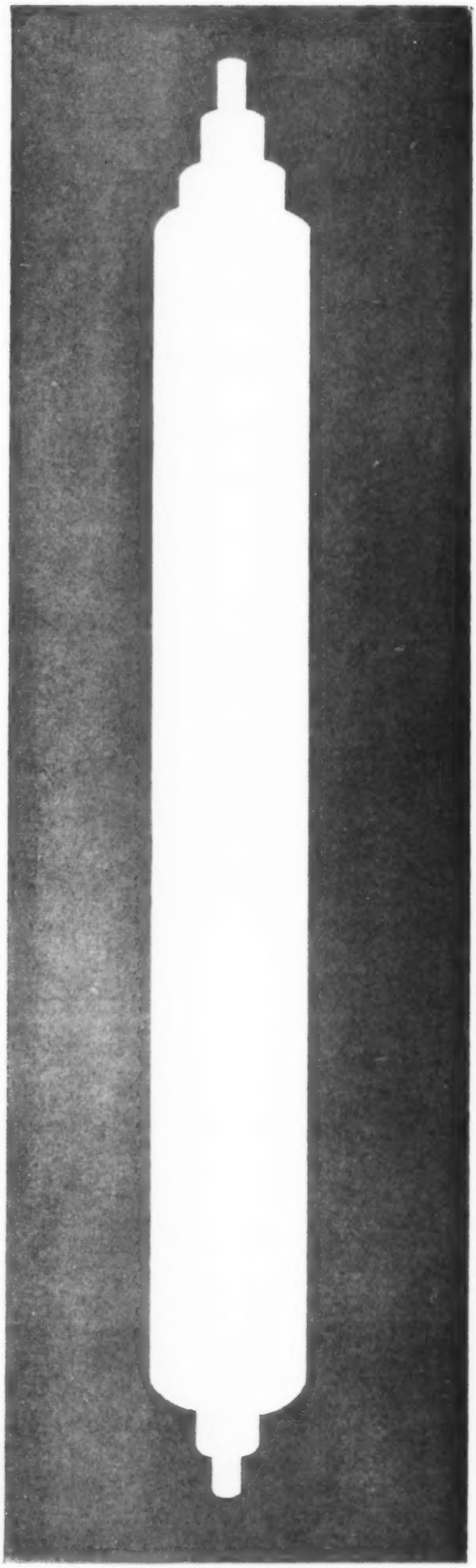
Rinehart succeeds Richard E. Lewis, who resigned that post to join R. Hoe & Co. as vice president-sales manager. Prior to his appointment, Rinehart had been general plant engineer and assistant to the general production director of Hearst Newspapers, New York. Rinehart has also been associated with Wood Newspaper Machinery Corp. as research and development engineer and as chief electrical engineer.

RINEHART

A graduate of the University of Florida with a B. S. degree in mechanical engineering, Rinehart has also served an apprenticeship in tool and die making.

Accent on excellent performance

AMERICAN ROLLERS



Hundreds of leading plants agree: you can *always* expect superior performance from these excellent rollers. They're *built* that way. See for yourself.

AMERICAN ROLLER COMPANY

CHICAGO · MILWAUKEE · INDIANAPOLIS · ST. PAUL · KANSAS CITY

For More Information Circle 12 on Reader Service Card

Paper Storage Floor Space Savers

Warehouse and stockroom floor space is at a premium with nearly all printers. Most of them have learned how to save as much of this limited space as possible. However, they are still open to suggestions that will economize still further on stockroom floor area.

The writer discovered two apparently good ideas for space conservation during a recent visit to the warehouse of the Nashville, Tenn., branch of the Graham Paper Co. I talked with Manager G. G. (Pud) Payne who described two methods of getting more paper in less floor space than was being used in his warehouse.

All roll stock (in left picture) is stored on end and on pallets so that it can be handled rapidly with floor trucks.

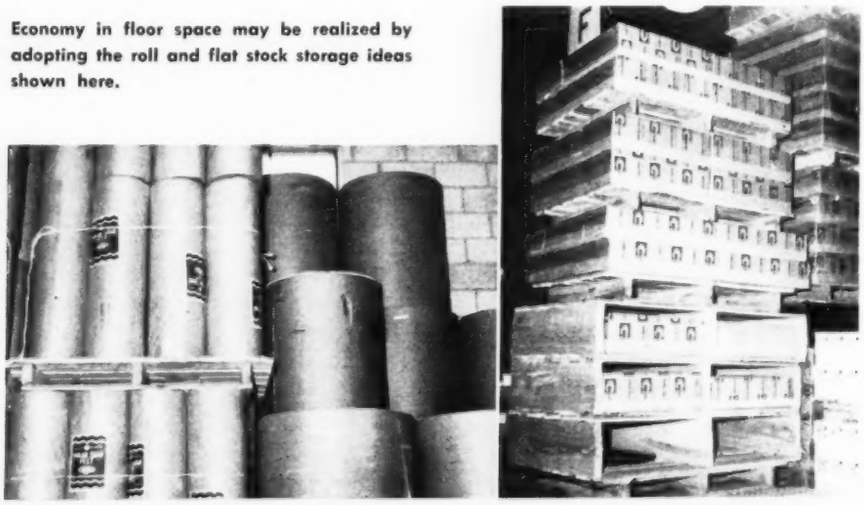
We are all familar with the cordwood style of laying rolls on sides on the floor. Beside creating a problem of keeping these piles from rolling into the aisles it is difficult to stack the rolls very high. If the rolls are stored on end they will stay in place up to ceiling height on pallets just like flat stock. If necessary, the smaller size rolls to be put in stacks can be tied together with a light cord.

For storage of flat stock the packaged paper can be stored in tiers on skids or pallets. This method is shown in right picture in the illustration below.

Note the box-like compartments at the bottom of the stack. The reams or cartons of flat stock, of course, may be stacked on skids up to the ceiling. The boxes at the lower level of the stack can be used to store broken ream packages to make them accessible without moving any part of the stack with a floor truck. In many stockrooms you will find little piles of broken package stock occupying as much floor space as an adjoining ceiling high stack.

It will hardly be necessary to make these boxes greater in width and length than 25 in. by 38 in. Construction of such boxes is simple, but the material must be heavy enough to support considerable weight.—*P. R. Russell, staff correspondent.*

Economy in floor space may be realized by adopting the roll and flat stock storage ideas shown here.



DOUBLE PACKING FOR STEREO MATS

When hand packing stereotype mats back of large open or dead metal areas, I found that one thickness of packing felt was not enough. Some of the plates cast from such mats bottomed on the press. I then tried two thicknesses of hand packing, making the second strip 3/8 in. shorter in length than the underneath strip. This makes a deep impression in the plate. Open areas so packed will not print up. If you do not have a router, this idea is almost a must.—*A. Wertzler, Premiere Printing Co., Plainwell, Mich.*

For the Reader

A chance to be paid for ideas which have netted savings in time, money and effort in your printing plant is offered readers of *Printing Production*. If your idea is accepted for publication it will be printed in the Idea File, a regular *Printing Production* feature, and a check will be mailed to you.

Send as many as you wish to: Idea File Editor, *Printing Production*, 1276 W. 3rd St., Cleveland 13, O.

PLASTIC BOTTLES FOR LIQUIDS

For a safe and economical way to handle liquids used on my offset press I use polyethylene plastic bottles.

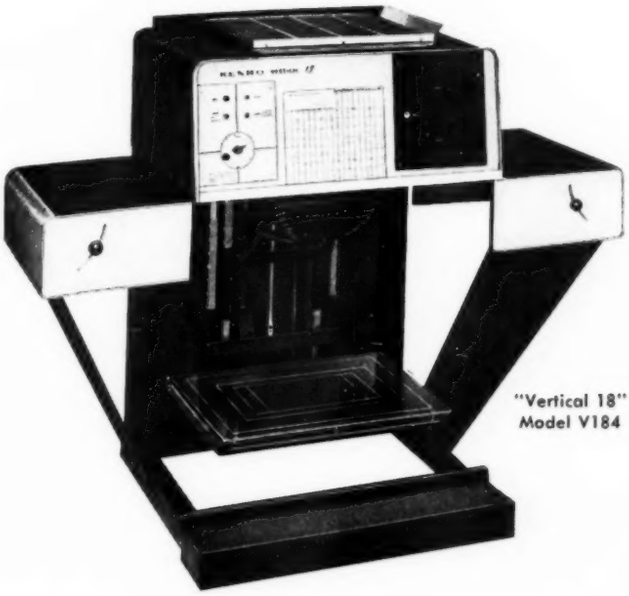
These handy squeeze bottles fitted with spout caps are used as containers for pressman's (white etch), hydro (yellow etch), copper roller wash and the press washup solutions.

The bottles save liquids. If one is allergic to any of the etches, use of the plastic bottles will keep the solutions from contact with the hands. The bottles are made in various sizes and may be secured from most supply houses.—*Martin E. Odell, Anderson, Ind.*

INK PICKING ON PLATEN PRESS

If you are doing a short-run job on a platen press and the ink picks the coated stock, this suggestion will be of help. The picking, of course, is caused by the ink being too tacky. In this case, add a little gasoline to the ink disk and let it distribute.—*Richard J. Fastner, editor,* Cloud Chaser Magazine, *Saint Cloud, Minn.*

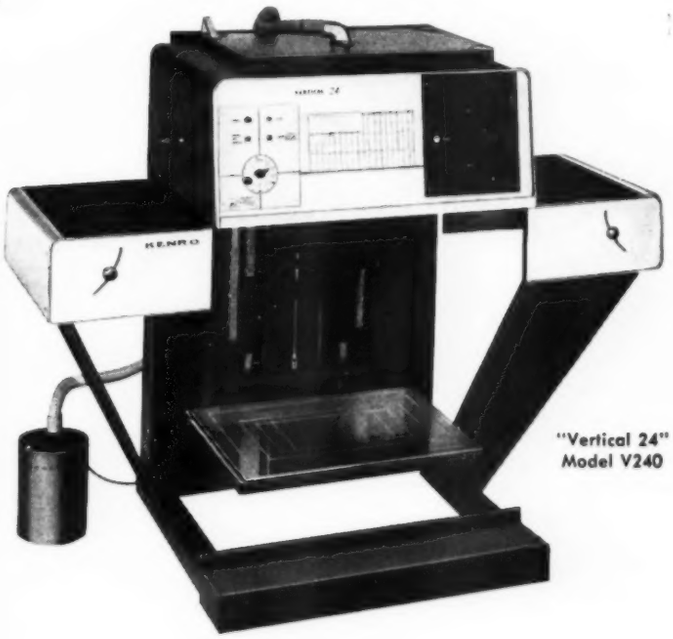
Which Kenro VERTICAL Camera is best for your work?



"Vertical 18"
Model V184

THE "VERTICAL 18" is extremely versatile. It makes line and halftone negatives up to 14" x 18" in size, can be equipped with stayflat or vacuum back. Interchangeable heads also available for making Ektalith, Gevacopy or xerographic exposures. When equipped with Prismatic head you can use your Kenro camera for making right-reading film negatives or direct photocopies of reproduction quality in one step, without an intermediate negative.

Regardless of your press size, if copy calls for shooting 8½" x 11" pages two-up or 11" x 17" bleed, then the Kenro "Vertical 18" is the camera for you.



"Vertical 24"
Model V240

THE "VERTICAL 24" brings you the advantage of big camera capacity in an economical, compact, space and step saving unit. It makes line and halftone negatives and other types of exposures up to 18" x 24". Shoots 8½" x 11" copy four-up, covers a full size newspaper page. Is equipped with vacuum back, and can also be equipped with adapters for making Ektalith, Gevacopy or xerographic exposures.

Prismatic head allows you to make one-shot proofs of paste-ups, enlargements or reductions of type matter or illustrations quickly and economically. If you run a newspaper, need big negatives or have a high volume of work, install a Kenro "Vertical 24".

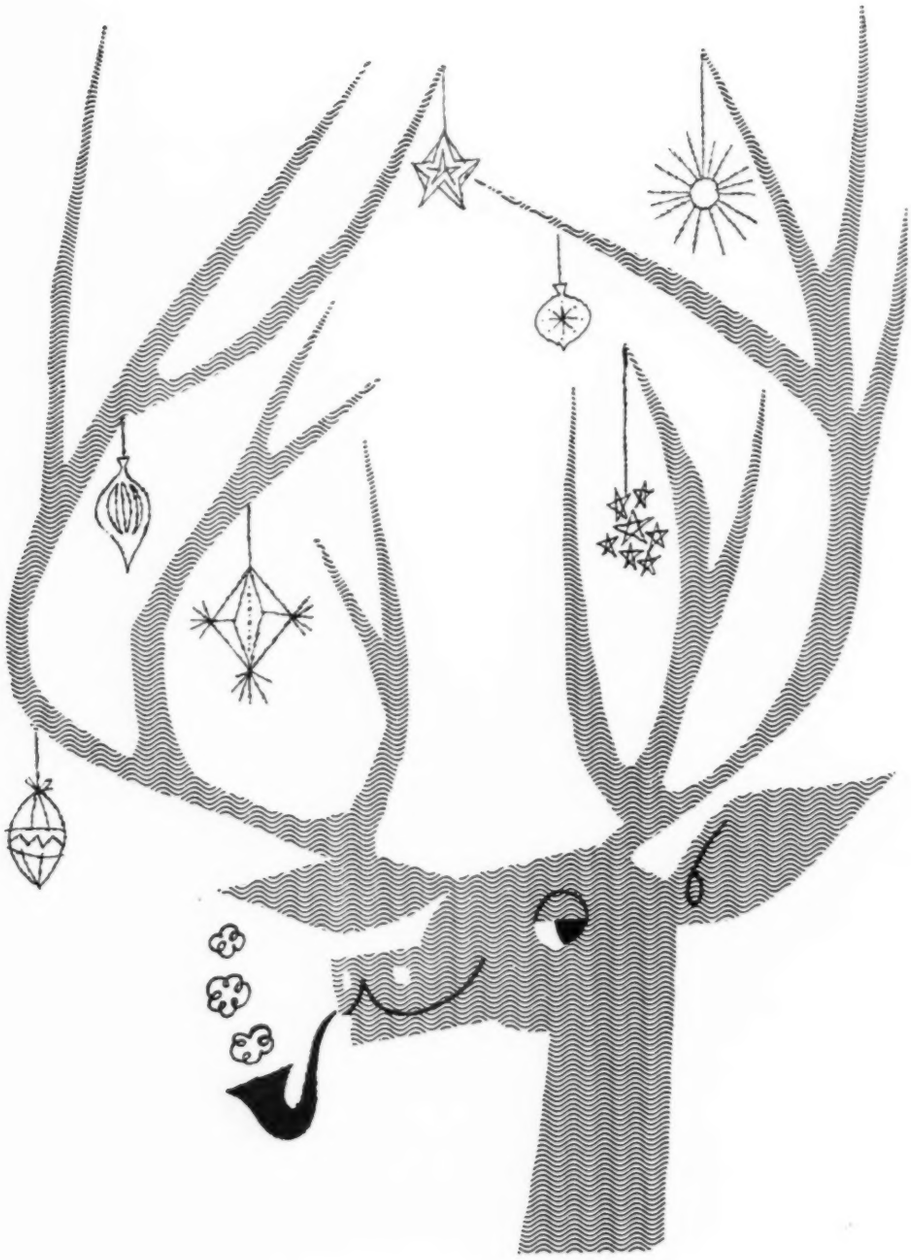
BASIC KENRO ADVANTAGES

- **Precision construction**—ball bearing copy and lensboard slides, alignment checked by collimators.
- **Superior lenses**—standard equipment includes special color-corrected Goerz Dagor lenses, the finest, most linear optics available.
- **Micro indicator size and focus system**—permits accurate sizing and resetting to .002" and ready lens interchangeability.
- **Spring-loaded compensating copyboard**—with cover glass hold-up.
- **Adjustable angle, stationary lighting**—gives even illumination, permits exposures at optimum lens settings, whether shooting same size, enlarging or reducing.
- **Push-button exposure**—with relay equipped automatic reset timer.
- **Modern design, advanced engineering**—from the largest and most experienced manufacturer of vertical process cameras.

Ask your dealer to demonstrate . . . or write for information and prices.

KENRO GRAPHICS, INC. Dept. G-12, Cedar Knolls, New Jersey

For More Information Circle 97 on Reader Service Card



SEASON'S GREETINGS

and best wishes for a

PROFITABLE NEW YEAR

Rapid Roller Company

CHICAGO

For More Information Circle 148 on Reader Service Card

Wood Flong Spends Million to Expand

Stereotype mat making has been put on an automated, assembly line basis by Wood Flong Corp. A new machine for accomplishing this, representing a million dollar investment in the future of stereotyping by Wood Flong, was shown last month to members of the trade press.

It is the only machine of its kind and has been built to rigid specifications set forth by the company's engineers. The machine combines the various manufacturing stages of either conventional or packless stereotype mats into a continuous, in-line operation. According to Thornton Hall, president of Wood Flong, the machine which is part of an expansion program will permit doubling of the company's present production capacity.

Expansion of facilities by the Hoosick Falls, N. Y., company is attributed by Hall to the increased demand for packless mats. Wood Flong manufactures a one-piece packless mat which it markets under the trade name of Super Flong. At present, 30% of the mill's production is devoted to making packless mats which require longer, more precise processing than conventional mats.

Hall announced that 124 newspapers are now using the Super Flong packless mats. He said his company anticipates a sharp increase in the demand for packless mats because of the need for dimensionally stable mats for ROP color work.

The Wood Flong president also discounts the displacement of workers as a serious deterrent to the conversion by newspapers to the packless mat operation. Usually, he said, workers are shifted from the packing table to more productive jobs in other departments of the newspaper plants.

The company places emphasis on the improved reproduction features of the packless mat and the time saving advantages enabling shorter deadlines. Hall said more rigid tolerances usually are needed in the composing room anyway. The result is cleaner printing and smudge-free white space in the newspaper.

The 195 ft. long custom-built mat making machine includes separate sections for combining pulp, chemicals and coatings into the processing of a mat. One section (145 ft. long) is used solely for drying the newly-formed mat.

The machine still enables Wood Flong to process mats to meet individual requirements of its customers. This is done under carefully controlled conditions and with quality checks involving laboratory procedures. Orders for stereo mats vary according to the dimensional and moisture content requirements of each newspaper.

Both Hall and his general manager, Ralph Millington, credit their company's strong role in research for leading to the development of a one-piece packless mat. Their progressive outlook is also reflected in their obtaining the services of a consulting firm to recommend a new product that can be made in the Hoosick Falls mill.

For More Information Circle 140 on Reader Service Card→

ONE TOOL ALWAYS FITS BEST

OXY-DRY INK OFFSET PREVENTER

ELECTRONIC DISPERSAL DRY POWDER SPRAYER

- ***Operates Automatically***—completely covers entire width of sheet or web with even, fine coat of dry starch powder.
- ***Faster Press Speeds***—positive ink offset prevention permits fastest press operation desired and full press loads.
- ***Removes Static Electricity***—provides perfect, jam-free delivery jogging and subsequent binding and finishing production.
- ***Most Efficient, Costs Less***—uses least powder and by far less time and effort to operate and maintain.
- ***No comparison***—there is no other method of ink offset prevention to compare with OXY-DRY...*it is the best!*

HOW TO BUY OXY-DRY

We are not afraid of price—send us the Press Model Number, Maximum Sheet or Web size and LET US DETAIL YOU fully by mail. Our sales-engineers will gladly be there too, if you want a head-to-head, barrel-head deal done! Do it, *don't delay profits!*

*Fully protected by U. S. patents

OXY-DRY®

Sells Profits to Printers

OXY-DRY SPRAYER CORPORATION

NEW YORK CHICAGO SAN FRANCISCO

1134 W. Montrose Avenue, Chicago 13, Illinois—LO 1-1264

This is the Burgess No-Pac Mat ...the one-piece mat they're talking about!*

You've probably already heard about the amazing BURGESS NO-PAC Mat—the one-piece mat that's saving time, cutting costs and improving reproduction for papers across the country . . . from the largest to the smallest dailies.

Yes, the BURGESS NO-PAC Mat is loaded with advantages. It's easier to handle all around . . . gives you better depth, richer solids, sharper type, clearer halftones.

See for yourself—IN YOUR OWN PLANT—what the BURGESS NO-PAC Mat can do! One of our representatives will be glad to show you why it pays to switch to BURGESS NO-PAC Mats. Write, wire or phone to arrange for a demonstration in your own plant under actual operating conditions.

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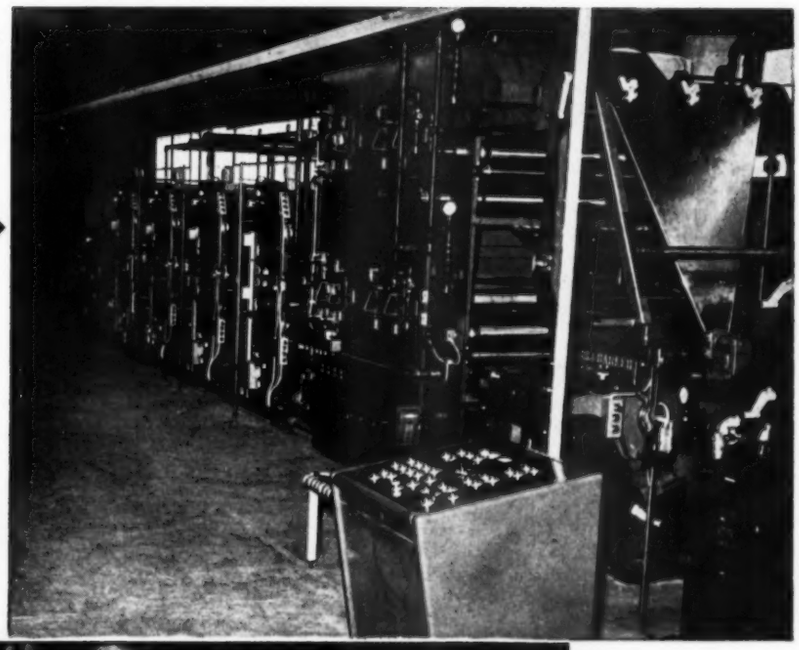
For More Information Circle 26 on Reader Service Card

DO YOU PRINT

OFFSET?



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LETTERPRESS?

You'll get higher net production at lower cost using HESS & BARKER ROTARY WEB-FED EQUIPMENT

It's done every day in plants using Hess & Barker equipment like that you see above . . . offset and letterpress machines reflecting sixty years' experience designing and building precision rotary web-fed presses.

You can enjoy the advantages of high net production and low costs! From Hess & Barker standard components—or a combination of standard and special units—we'll design the single or multicolor press that fits *your* needs exactly. And the complete Hess & Barker line includes gravure and flexographic equipment.

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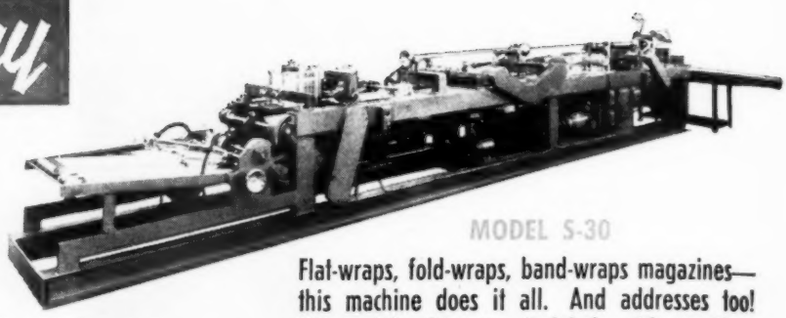
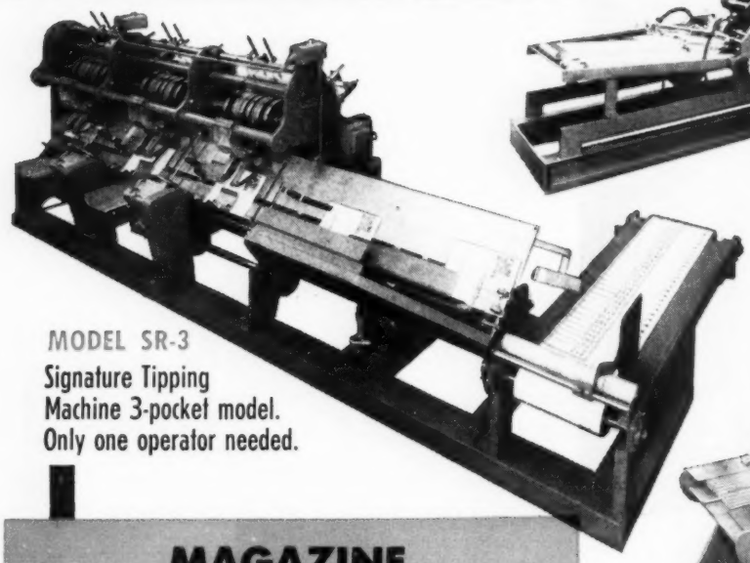
the modern way



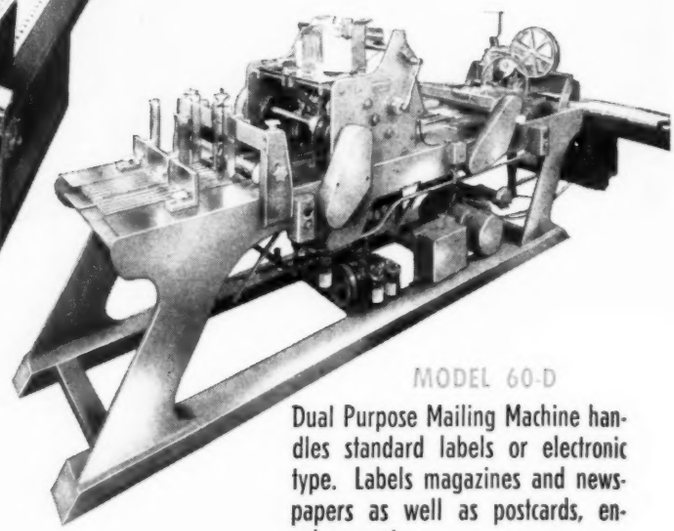
MODEL S-30

Flat-wraps, fold-wraps, band-wraps magazines—this machine does it all. And addresses too! Either dick strip or cut labels with excellent register.



MODEL SR-3

Signature Tipping Machine 3-pocket model. Only one operator needed.



MODEL 60-D

Dual Purpose Mailing Machine handles standard labels or electronic type. Labels magazines and newspapers as well as postcards, envelopes, etc.

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LABELING
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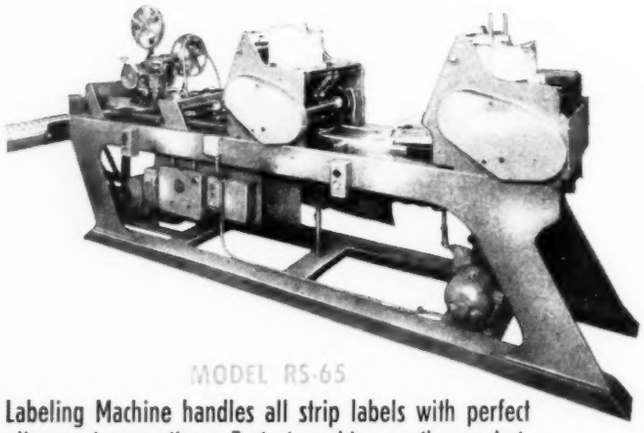

MODEL RS-65

Labeling Machine handles all strip labels with perfect alignment every time. Fastest machine on the market. Handles magazines from 5x7 to 12x18 thickness up to 5/16" easily.

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Great Lakes Conf. Offers Full Program

An unusually constructive program which will include discussions of interest to small and large dailies is planned for the Great Lakes Newspaper Mechanical Conference. The meeting will be held at Hotel Gibson, Cincinnati, on Jan. 22-24. In connection with the

Elmer F. Fuller (left), president of Great Lakes Mechanical Conference, and John E. Innis, Conference secretary-treasurer.

conference there will be a 40 booth exhibit of equipment and supplies.

According to conference officials, there will be something helpful for each of the mechanical departments in the newspaper plant.

First sessions occur on Sunday, Jan. 22. The first of these will be devoted to problems of composing room machinists. The second Sunday session will specially deal with operations of non - metropolitan newspapers. Highlight of this session will be a presentation by Ray Burdine, Newark (O.) *Advocate*, on a composing room dispatch and control system.

At the Monday morning session highlights will be actual plant reports on photocomposition and an explanation of a fast and accurate copy markup system using a slide rule.

On Monday night an informal phototypesetting and photocomposing session will be held. Moderator will be Elmer F. Fuller, color coordinator, Cleveland *Press*.

The photoengraving session will feature a report on what has been accomplished in a year's time with photocomposition in one newspaper's engraving department. Another subject will be related to the effect of packless mats on photoengraving.

Main subject of the stereotype department session will concern production experience with packless mats. Cold and hot mat molding for color also will be discussed.

Some of the new equipment used in automatic processing in the mailroom will be discussed. An interesting paper will be presented by a mailroom superintendent about inserting special TV programs in regular editions of the paper.

A progress report on pressroom operation by a member of the ANPA Research Institute will be presented. There will be talks also by pressroom supervisors on ROP color printing as well as an in-plant report regarding the use of polyurethane press rollers.

Profit Measurement

(Continued from Page 53)

is seeking more production which in turn results in a lower unit cost. When the point is reached where more production is impossible, it is time to purchase a new machine, he said.

Asked to comment on employee profit sharing, Sommer indicated the effect of such plans diminishes as time goes by. Incentive, he said, has its greatest effect when a reward is given the man as soon as possible after his efforts have been expended. After a few years profit sharing loses its appeal.

Sommer was also asked to comment on how one can compromise speed and quality, referring to his statements of increasing production speeds.

In his reply, Sommer said quality is not a function of speed. As presses are improved and adapted to higher speeds, the capacity for quality at these speeds is also improved. Delivering a quality product at a higher speed is a matter of press adjustment by the operator.

Inside Color Scheme

(Continued from Page 46)

taining large color swatches, mounting them on sticks, and placing them throughout the plant. The colors should then be viewed at various times of the day.

These observations should take place under all types of lighting conditions such as morning, afternoon, and evening lighting; under bright and substandard daylight as well as with and without plant lighting. Only in this manner can one be assured that colors will not look different when applied.

One should also guard against colors which look several shades lighter when close together. In many cases, if these colors are separated, the eye cannot differentiate between the shades.

There are many basic rules for proper use of interior color, but the individual printing plant must also consider other factors as mentioned by Rothmann. These individual situations must be solved by qualified people who can find reasons for using each color.

NPEA Elects New Officers—Officers elected by the National Printing Equipment Assn. at its annual meeting this fall are pictured left to right: Harry L. Gage, secretary; Mrs. Rhoda Steiner, assistant secretary; E. O. Vandercook, Vandercook & Sons, Inc., retiring president; Lee Augustine, Printing Machinery Co., president; William C. Young, Miller Printing Machinery Co., vice president, and James W. Coultrap, Miehle Company, Div. of Miehle-Goss-Dexter, Inc., treasurer.

Crucial Areas for Engravers

IN a constructive, if somewhat critical address, Joseph Chanko spoke before the American Photoengravers Assn. convention last Oct. in Buffalo about crucial areas in which the photoengraving industry finds itself involved. Chanko is general manager of The Conde Nast Press, Greenwich, Conn.

He commented on engraving costs, technology, customer relations, competing processes and a number of standardization proposals.

During the introductory part of his address, Chanko said: "In common with the rest of the printing field . . . the engraving industry has had to face rising labor costs. Since labor is so large a part of costs, the engraving industry has found business increasingly difficult to get."

He asked his audience: "What progress have you made toward combatting rising costs? You can't obtain greater productivity by exhorting your men to give it the 'good old college try' and to produce more. Citing 'competition' doesn't stimulate them. The answer seems to be in progress in technological improvements sparked by research."

Chanko mentioned no less than 11 technical improvements that have been developed during the last 10 years. All of them are in use in the photoengraving industry. He warned his listeners, however, that much still remains to be done to face the challenge of competition and rising costs.

Ink Repellant for Proofing

One of the important technological improvements needed in the photoengraving industry, according to Chanko, is an ink repellant substance for use in proving engravings. Preferably in liquid form, the repellant would be applied to the non-printing areas of engravings in order to prove them without frisketing or routing dead metal.

Chanko reported that experiments and tests are now being conducted in an effort to find such a substance. He commented: "If discovering an ink repellant substance was easy, it would have been done long ago."

One of Chanko's direct comments was that "Contrary to the well known slogan, the customer *isn't* always right." He then pursued the subject by asking and answering another question: "How often have you encountered a customer who makes impractical requests? The customer isn't right when the result of your work is an unsatisfactory reproduction in a magazine.

"It may not be your fault at all. The customer is boss and you try to satisfy him even though you disapprove. One of the greatest services you can render is that of advisor to the customer. If you can prevail upon him to trust you, you can accomplish a great deal for him.

"Your customer may ask for the impossible. But when you know that the request is impractical or too expensive to achieve the results desired, it is both good business and a welcome service for you to tell your customer that his request should be changed.

Competing Processes

"Some competing processes," commented Chanko, "have made fairly rapid strides. Offset printing is increasing. I have heard of at least one photoengraver who recently installed a department to make offset plates. This, undoubtedly, is practical and undoubtedly is based on the age-old theory 'If you can't lick 'em, join 'em.' But this is more than a facetious remark. It indicates that for some segments of our industry offset is one of your serious competitors.

"It is claimed that the recent development of web offset holds out some promise for the magazine field. But I still believe that letterpress will hold its own in medium or long run magazine printing for the long range and foreseeable future, although we will have increasingly stiff competition from offset.

"There is no other important competing process at the present time. However, the plastic duplicate printing plates such as Dycril, Nylon, etc., may have some interest for smaller quantities.

"I still believe, in common with most executives of the larger magazine printing plants, that letterpress is more flexible, produces better quality, is more reliable than offset and should be able to compete successfully with offset."

The speaker concluded his address with a discussion about the five point program objectives of the committee which he heads. Chanko reported that the standard color control bars have now been in use in various plants for almost a year and have proved to be successful. ⊕

INTERNATIONAL PRINTING WEEK • JAN. 15-21

INTERNATIONAL PRINTING WEEK • JAN. 15-21

New Color Proofing Process

One of the many new products introduced at the National Assn. of Photo-Lithographers Convention, held in October in Chicago, was Minnesota Mining and Mfg.'s color proofing process.

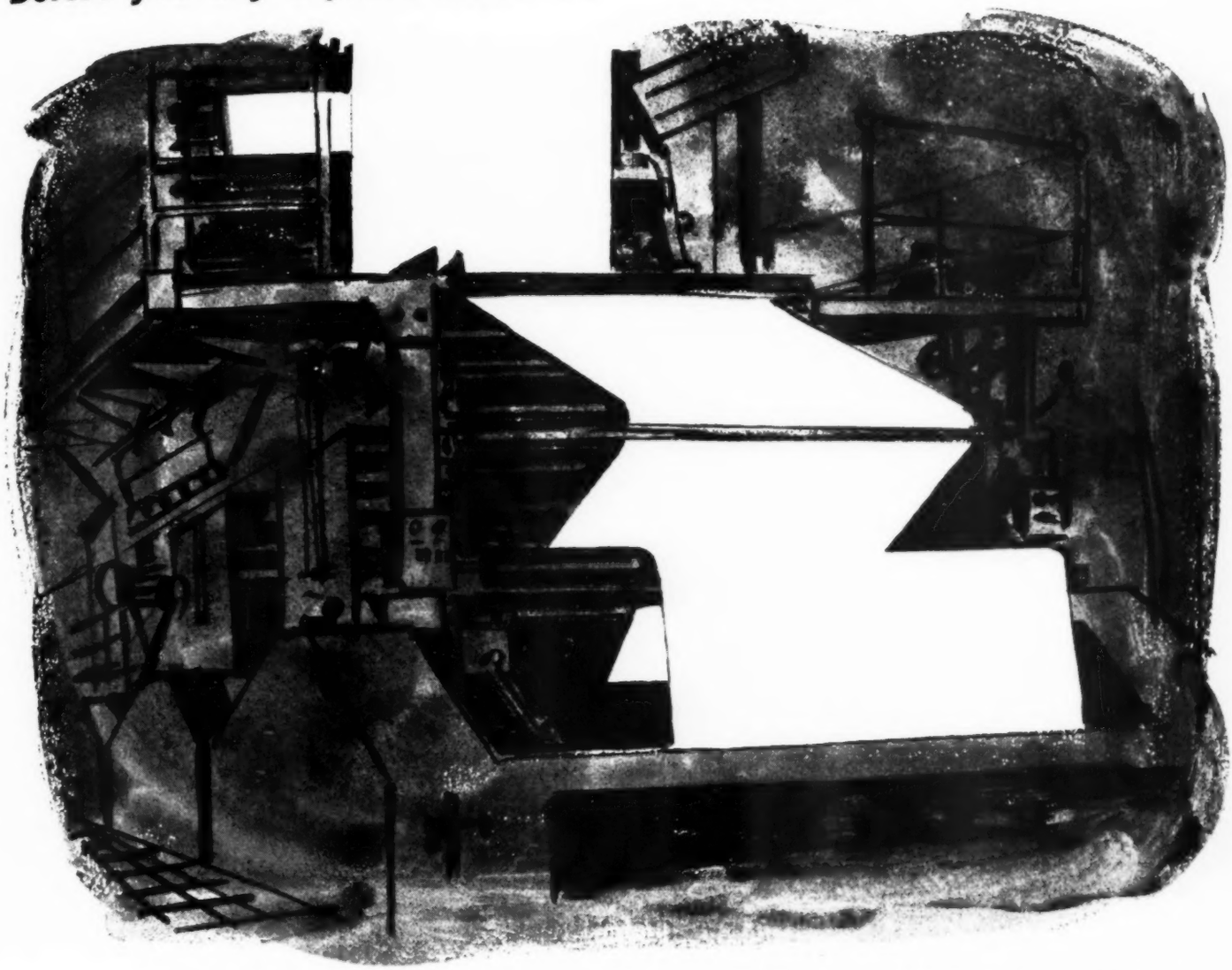
Commercially unavailable as yet, the process consists of developing exposed sheets of ink pigmented colors on 0.002 in. sheets of Mylar film. The material is negative working and carries a notch in the upper right hand corner thus identifying the light sensitive surface. The material, however, is not susceptible to normal room lighting.

The ink pigmented proof sheets are exposed, each color to its corresponding negative flat, to a step 4 on the gray scale. The sheets are subsequently processed with a developing solution applied with a sponge. When fully developed, the solution is rinsed off and the film squeegeed dry and registered over a white board or paper.

The process was developed, according to 3M, as an economical method of color proofing to eliminate press proofing. The material readily shows color breaks since a separate sheet is exposed for each color. The Mylar base resists fingerprints, and rough handling and will not absorb moisture, thus remaining accurate in size.

At present, testing of the material is being undertaken in the Philadelphia and Oklahoma areas. Sheets are packaged 10 to a box in a 20 in. by 24 in. size. Colors presently manufactured are: Cyan, yellow, magenta, green, red, orange, blue, brown, and black and white.

Before you buy a press drive . . .



Let's Talk System CO-ORDINATION

GENERAL ELECTRIC SYSTEM CO-ORDINATION makes your power-distribution equipment an integral part of the drive system. G-E load-center unit substations (extreme right) at the *Philadelphia Bulletin* match and line up with the control and rectifier panels for 72 press units and 14 folders.

Along with your new General Electric d-c press drive, you get *more* than the finest motors, control, rectifiers, and power-distribution equipment. You gain real benefits from General Electric's highly developed concept of system co-ordination.

SYSTEM CO-ORDINATION means that General Electric designs, manufactures, sells, and services the *complete* drive system—including even switchgear and unit substations. General Electric application engineers—working closely with your press manufacturer—help you determine your needs, then design a drive system that is a smooth-running blend of carefully selected and proved heavy-duty components—custom-designed for your presses.

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For More Information Circle 4 on Reader Service Card

Automatic Etching Process

(Continued from Page 56)

process by license from North American Aviation patents.

The bare metal area of the different Microtabs is made in proper thickness to cover the 50 to 150 line halftone screen etching range. The thicker gauge fuses are used for coarser halftone screens and the thinner ones for finer screens.

Color coding is the means for ready identification of the proper thickness fuse to use with a particular halftone screen. A color guide resembling a paint chart indicates that a gray fuse is to be selected for a 65 line halftone screen, a brown fuse for a 75 screen, a red fuse for 85 screen and so on, up to and including the 150 line screen.

To illustrate, we will assume the operator has attached a prepared flat to the etching machine rotor. The red fuse for 85 line screen is then inserted in the machine along with the flat. The red fuse will provide a depth of 0.0039 in. in the highlights of the halftone plate before being parted by the etching action.

Doro continued his explanation: "Assuming the first flat required 26 sec. actual etching time for the 85 screen flat, each succeeding plate is reducing the bath strength. By the time the fifth plate has been etched, the etch period will have increased to around 34 sec. by the automatic calculation of the Microtab.

"As the bath is slightly weakened, the attack on the Microtab is relatively slower with respect to severance of the Microtab. The sensitivity of this device will compensate temperature variations as slight as 0.1 deg., acidity, and effects of Baume."

Etching Bath Details

The etching chamber contains 70 gal. of fluid under temperature control by a titanium coil for the heat exchanger. Depending upon the amount of production, Doro stated bath life runs from two to seven months before a new bath must be prepared. The bath does not deteriorate on standing idle. Water lost by evaporation may be replenished with tap water.

The etching solution temperature control consists of a small water holding tank and a circulating pump. Water is pumped through the coils in the etching solution tank. The water is cooled by a refrigerator unit, or heated with a Calrod unit, as required. Thermostatic controls in the solution activate the heating or cooling units. During etching operations, the temperature is held between 75 deg. and 79 deg. F.

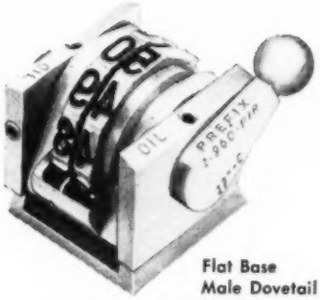
Doro stated a machine has been in use for over a year in a commercial photoengraving plant. It was explained that present plans of Doro Corporation are concerned with installation of several machines on a nonprofit basis in a number of commercial and newspaper plants.

Figure Illustrations Transposed

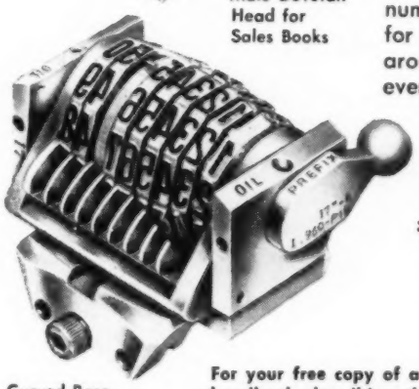
Due to a makeup error, the illustrations for Figs. 8 and 9, page 56, November issue of PRINTING PRODUCTION were transposed over the corresponding captions. The illustrations accompany the third and final part of Gyan P. Madan's series on *Pleasing Litho Color*.

ANOTHER FORCE FIRST...

THE "1000 SFM*" SYSTEM REDUCES NEED FOR SPECIAL ORDER NUMBERING MACHINES



Flat Base Male Dovetail Head for Sales Books



Curved Base Female Dovetail Head for Order Books

Now you can own a numbering system *customized* to your precise needs without paying for special "built-to-order" machines. Developed by Wm. A. Force & Co., Inc., numbering machine pioneers since 1875, the amazing "1000 SFM* Universal Rotary Numbering Head Component System" gives you the heads, cams, holding rings, and adapters you need to speed up production on complex numbering jobs. Start with a basic set-up for your current requirements and build around it as new needs arise. Parts for every press are available and shipped as soon as needed. Sales and Order Book Heads are two of the many components available in this high-speed accurate numbering system.

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For More Information Circle 64 on Reader Service Card

EQUIPMENT AND SUPPLIES

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PRINTED MAILING WRAPPER

Custom designed and printed wrapper for calendars, periodicals and sales promotion material is being made available by The Denney Tag Co. Called Quick-Wrap, it is made from tagboard stock and can be printed on the inside as well as outside surfaces. Wrap can be addressed flat by automatic mailer or typewriter. A perforated strip, when pulled, opens the sealed wrapper. Circle No. 267 on Reader Service Card.

BAUMFOLDER-SEALER-PERFORATOR FOR PROCESSING OF LETTERS

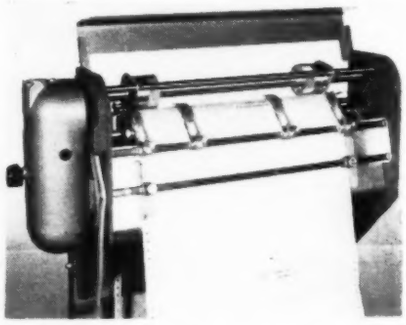
An automatic machine that folds and seals any or all edges of a letter and perforates the narrow edges has been introduced by Russell Ernest Baum, Inc. The equipment has been named Baumfolder-sealer-perforator.

Entering a self-registering board, the sheet trips a finger that actuates a series of pasters operating on the outer edges of the letter. The sheet then enters folding rollers where it is sealed. A perforated line (which provides means for opening by recipient) is then punched on the outside edges of the folded-sealed letter. Processing operation in the machine is completely shielded from sight or touch.

Manufacturer claims no adjustments of folding plates, rollers or paste supply are necessary. Circle No. 278 on Reader Service Card.

POWER SLITTER REMOVES MARGINS FROM CONTINUOUS MULTICOPY BUSINESS FORMS

A power slitter used to trim margins from 1 to 12 copies (depending on paper weight and type of fastening) of continuous business forms has been introduced by the Standard Register Co. The machine is designed to be mounted with-



out tools on the company's Prebursting Decollator or its Gravity Carbon Separator.

The Power Slitter weighs 40 lbs. and can be used for nonslitting operations in addition to being adapted to slit one or both margins. An optional feature allows center slitting if desired. The machine will handle forms which are stapled, glued or crimped at speeds up to 90 f.p.m. and widths which range from 4¾ in. to 19 in. Minimum trim width is ½ in.

The functions of the machine may be performed in conjunction with other forms handling equipment such as refolding, bursting and carbon removal. Circle No. 280 on Reader Service Card.

TYMPAN PAPER AVAILABLE IN LINEAR MEASURED ROLLS

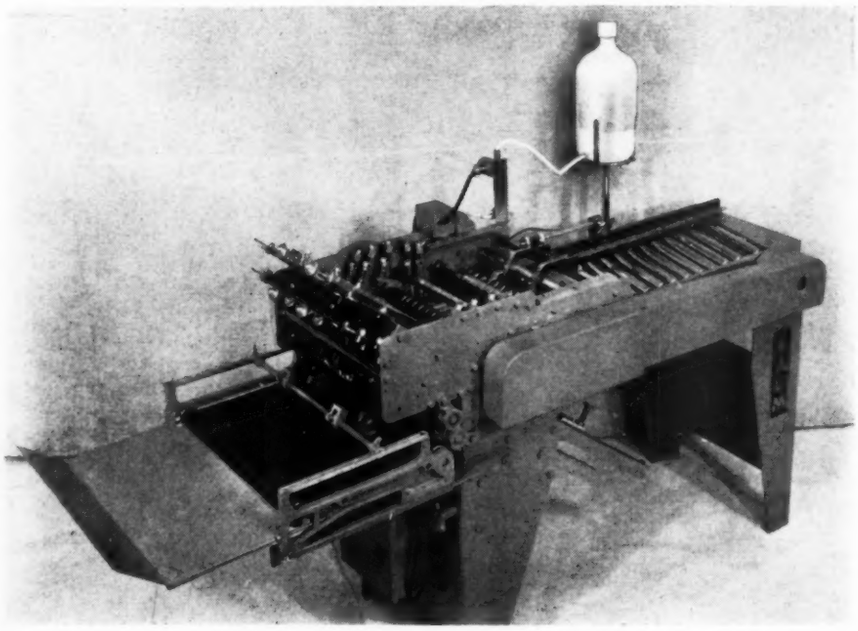
Stock rolls of Riegel Jute and Certifine tympan are being made available in guaranteed lengths of 250 yd., 9 in. diam. rolls, and 475 yd., 12 in. diam. rolls, reports Riegel Paper Corp.

Included are 24 stock widths from 12 in. to 66 in. Measured rolls enable printers to plan for a definite number of makereadies per roll, according to Riegel. Circle No. 263 on Reader Service Card.

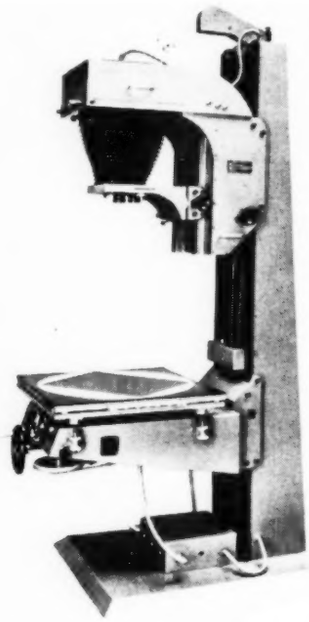
KORN DISTRIBUTES SEMI-AUTOMATIC VERTICAL ENLARGEMENT CAMERA

The Pismon semi-automatic vertical enlargement camera, Model 360, is being distributed by Henry P. Korn Associated, Inc. Camera is said to be suitable for color separations, masking, contact screening, reproductions, and reductions and enlargements. The work can be done from negatives, positives and photocolor in a size range from 10 in. by 12 in. and less, up to 40 in. by 56 in.

Featured on camera are frontal focusing controls, frontally extractable negative holders with three-point register system, cathode cold light source, levelable projection board, and rotating turret lens holder. Accessories are available. Circle No. 279 on Reader Service Card.



The Baumfolder-sealer-perforator processes facsimile letters and is said to be automatic in operation. Work is completely shielded from sight or touch while letters are being processed.



The Pismon enlargement camera is designed for color separation work and other jobs.

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Their orders to EASTERN are filled and shipped promptly, accurately, and with careful attention to the smallest detail.

Through the years, these newspapers have found EASTERN products are of the highest quality, tested, used and *proved reliable* as well as economical.

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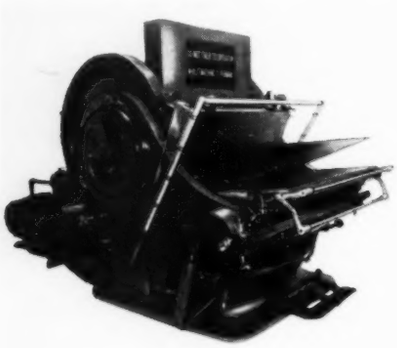
For More Information Circle 55 on Reader Service Card

THOMSON EXTRA HEAVY DUTY CUTTING AND CREASING PRESS

An extra heavy duty die-cutting and creasing press is a new product of Thomson-National Press Co. Press is equipped with eccentric action platen drive for increased cutting pressure. The 28 in. by 41 in. Style 9 press features double micrometer impression adjustment. Also fea-



tured is a hinged cutting plate for faster makeready.

An air clutch reserves power for maximum loads to prevent the press sticking on center when stopped. Press is equipped with an automatic start-stop cycling device which operates in conjunction with a preset timer. Safety for the operator is said to be increased by an air-operated safety bar. Circle No. 275 on Reader Service Card.

STAR LINECASTING METAL POT WITH WELDED STEEL CRUCIBLE

The Star electric metal pot is designed for application to Intertype and Linotype machines. In making the announcement, Star Parts, Inc., mentions a number of features which have been included in the pot assembly.

The crucible itself consists of steel welded into one unit. The inner throat surface is machined to permit smooth flow of the molten type metal into the mold. It is said the sharp angle of the throat minimizes accumulation of oxides and dross in the throat since the metal remaining in the throat after the cast flows freely into the crucible.

Heating element for the crucible is of the immersion type. The mouthpiece and throat heater is of the external type, being clamped underneath the throat. In case the pot immersion heater should burn out, there is an emergency heater positioned externally at the left wall of the crucible. Sponsor states this auxiliary heating element may be put into operation within 3 or 4 min.

The Star Microstat is employed for control of metal temperature in the crucible. An auto-transformer regulates temperature of the throat and mouthpiece heating element. It is said the auto-transformer acts as a tap on the line current, drawing enough by electro-magnetic induction, to meet heating requirements. A dial on the control box is turned manually to meet heating stages.

In addition to the auto-transformer device, other controls are mounted on the box. These are: Machine motor control switch, pot switch, a light in series with the pot switch to indicate when it is *on* or *off;* there is also an outside plug fuse to prevent transformer damage due to short circuits. On the back of the control box there is mounted a motor protection switch with reset button in case of an over-heated motor.

A separate unit is the fuse box for the entire electrical system with a master switch.

The pot legs on the Star pot are of the double adjustable type to secure a firm bearing on the pot leg bushings. A spring and ball lubricating fitting is provided on the front radius of each pot leg. Circle No. 250 on Reader Service Card.

DU PONT BOOKBINDING MATERIAL LOOKS LIKE NATURAL LINEN

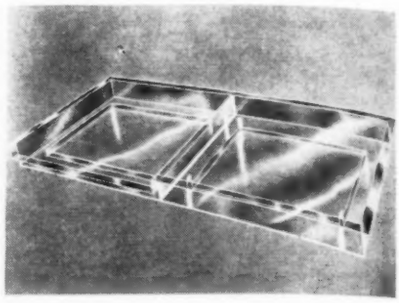
The latest addition to the E. I. du Pont de Nemours & Co.'s line of PX vinyl book cloth is called Naturelle. In the bookbinding material the textured appearance of natural linen, easy cleanability and durability are combined, it is said.

Du Pont states the appearance and texture of the cover material closely simulates the unbleached and undyed natural linen materials used in binding books. Circle No. 253 on Reader Service Card.

The Star metal pot for application to Intertypes and Linotypes contains a welded steel crucible shown partially in assembly in left picture. Complete pot assembly is shown in picture at right.

OFFSET PLATE PROCESSING TANK

Its clear acrylic plastic offset plate processing tank, reports Texstar Plastics, is

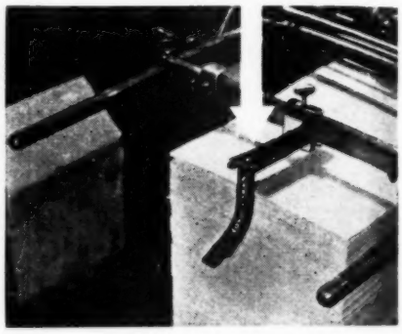


resistant to corrosion, deterioration and odor build-up.

Tanks are available for standard size plates and can be custom fabricated to special sizes if necessary. Sprinkler mountings and 1¼ in. drain are included. Circle No. 274 on Reader Service Card.

EASY-LOAD PAPER GUIDE FOR MULTILITH PRINTING PRESSES

The Easy-Load paper guide for Multilith presses, announced by Prolith Products Inc., is designed to permit the operator to flip the guide open when he wants to add paper to the feeder pile. After the paper has been added to the



pile the guide is lowered to its original setting. The spring tension back allows the operator to run any stock from onion skin to card stock, it is claimed.

Manufacturer states as much as an extra ream of paper can be added at the start of the press run. Also, rundown sheets can be added while the press is in operation. The fixture is made of alloy steel and is nickel plated. Circle No. 258 on Reader Service Card.

STEP-ALIGN MASKING MATERIAL SPEEDS LITHO FLAT PREPARATION

A new lithographic masking material, called Step-Align, has been developed by Hooper Printing & Lithograph Co., San Francisco. It will be marketed by Harold M. Pitman Co. and California Ink Co.

Step-Align mask consists of a mandarin colored masking paper upon which the grid lines are printed in red ink. Every eighth horizontal and vertical line is accentuated with a wider inked line. A vertical centerline, perpendicular to the gripper edge of the plate is indicated with lettering.

Hooper states the Step-Align mask saves

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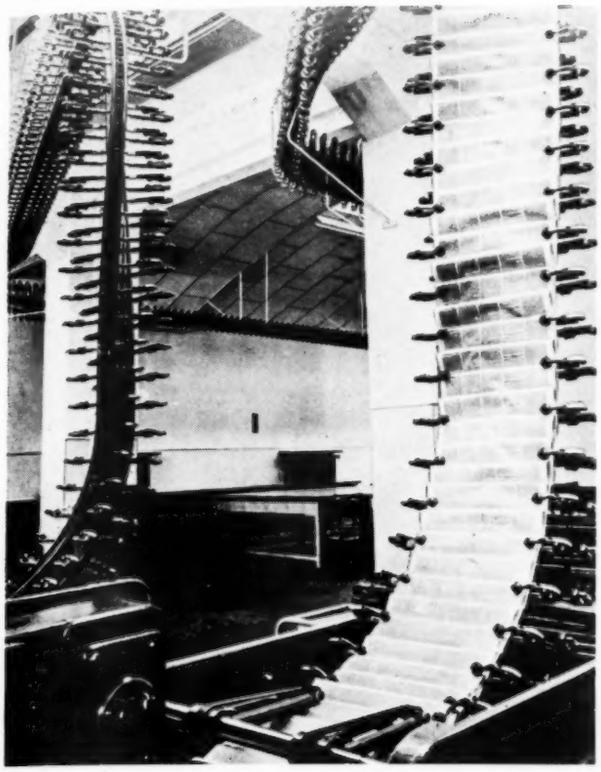

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proves its superiority by drastically reducing press delays. Results of a recent comparison study show: 36% fewer press delays (delays due to broken shear pins) . . . 16% reduction in maintenance time (checking and replacing wires, changing work sheaves, tightening chains, replacing shear pin hubs) . . . negligible maintenance and cleaning costs. Results such as these point up the savings over conventional conveyors. Flexible RCA Conveyors can handle papers from one to 128 pages at speeds in excess of 70,000 per hour. Cost less to install, less to operate and maintain. Readily installed in existing as well as new facilities.

**Designed and manufactured by Fehr & Reist Ltd., Switzerland*

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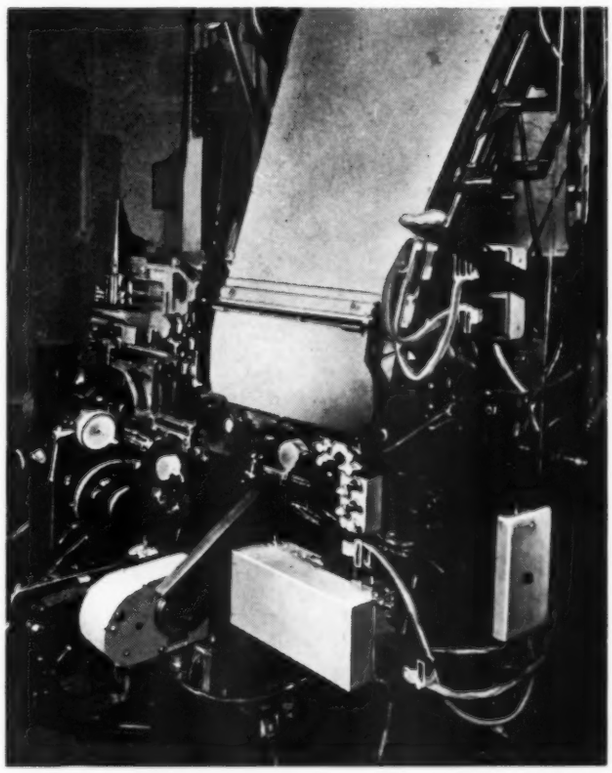
RCA ELECTRO TYPE SETTER

for the Comet Model Linotype bypasses the keyboard and drops mats directly from the escapement, resulting in an actual increase of 8 to 10% more type over competitive equipment. It is capable of operating the linecaster at its maximum speed. When setting straight matter using 9-point, 11-pica lines, 30 characters per line, the RCA Electro Type Setter can operate the machine to maximum rating of 720 lines per hour. When setting market reports using 5½-point, 11-pica lines, 40 characters per line, users report they consistently get type in the galley in excess of 570 lines per hour. This RCA equipment can be installed without a keyboard assembly on the linecaster. Or, if a combined automatic and manual operation is desired, this can be accomplished by a simple switching arrangement.



This product line is now headquartered in Camden. Inquiries are invited and should be addressed to RCA Graphic Arts Products, Dept. O-343, Building 15-1, Camden, N. J.

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For More Information Circle 149 on Reader Service Card

work and time in flat preparation and assures a high degree of accuracy in negative alignment. It also is said to have exceptionally good light stopping qualities, cuts clean and permits stylus marking without burn-through.

Step-Align masking material is available in press sizes from 17 in. by 22 in. through 36 in. by 49½ in. Larger sizes will be available in the future. Circle No. 251 on Reader Service Card.

POTENTIOMETERS FOR CONTROL IN PRINTING PRODUCTION

A new series of ½ in. diam. linear motion potentiometers developed for controls and instrumentation for the printing and packaging equipment fields has been announced by Markite Corporation. A potentiometer can be described as an electro-mechanical device which divides a.c. or d.c. electrical input voltage in accordance with the position of its shaft.

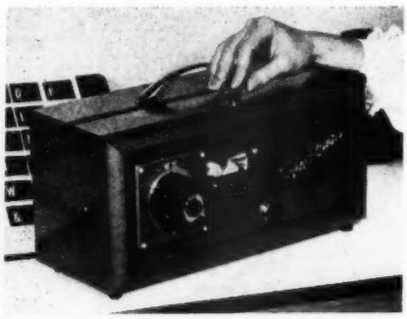
In the printing equipment field these potentiometers can be utilized in positional feedback devices for: (1) Control of color printing register and paper stack height; (2) Thickness and pressure sensing instruments. Circle No. 254 on Reader Service Card.

FOTO-RITER FILM TYPESETTER

The Model 325 Foto-Riter Typesetter, a photolettering machine that reproduces type photographically from 14 pt. to 72 pt. in over 50 type styles, have been introduced by Foto-Graphic Products Co.

Machine features include a signal light that flashes red when unexposed film supply is exhausted; 1 sec. exposure time; individual film slide units for each letter, and dial operated letterspacing mechanism based on printers' point system.

A line is set by insertion of individual



slide units into the machine, where exposure on 35 mm. photo paper or contact film takes place. Paper is spaced by a gear driven mechanism.

Alphabets are available in looseleaf pocketed pages, and most alphabets include caps, lowercase, numerals and punctuation marks.

Finished in bronze color with chrome trim, machine weighs 10½ lbs. and operates on 110-220 V. current. Circle No. 277 on Reader Service Card.

PAPER BULKS 1600 PAGES PER IN.

Thinpaque, a thin paper grade, has been introduced by Allied Paper Corporation. Claims are: Increased opacity, elimination of finger moisture problem when turning pages, ability to withstand pressure without sticking together, and a bulk of 1600 pages per in. from 25 in. by 38 in., 19 lb. stock. Allied mentions that paper can be sized for either letterpress or offset. Circle No. 268 on Reader Service Card.

RUBBER PLATE MOLDING SHEET

Tenamat R, a thermosetting molding sheet for use in rubber plate production, has been developed by Tenak Products Co. Material is said to mold easier as a result of lower pressure required. It is further claimed that 0.080 in. floors can be achieved along with uniform shrinkage and easier plate release from matrix. Circle No. 264 on Reader Service Card.

PRE-COATED LAMINATED FOIL

Analith, a laminated foil stock for lithographers, features a pre-coated surface to make it ink-receptive. Manufacturer, Anaconda Aluminum Co., states that laminated foil stock must be given an ink-receptive coating upon which the actual printing is produced. Circle No. 261 on Reader Service Card.

GOODKIN HORIZONTAL CAMERA

The M. P. Goodkin Co.'s horizontal 18 in. camera is said to expose line and halftone negatives, Gevacopy rapid negatives and Ektalith transfer paper in sizes up to 14 in. by 18 in. through an enlargement-reduction range of 3X to 1/3X.

A rack and pinion track system is employed along with ball bearing guide wheels for adjusting lensboard and film platen. Illumination is provided by two 300 W., 2000 hr. reflector flood lamps mounted in 360 deg. Gimbel sockets.

The 18 in. by 24 in. stationary copyboard is fitted with an adjustment for

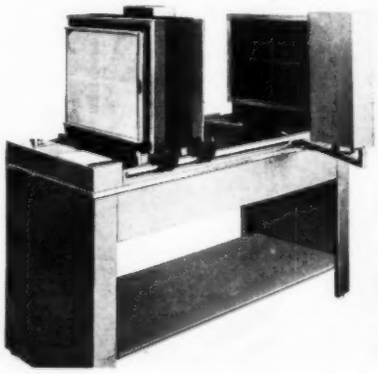


plate glass pressure and one for parallel, from left to right or front to back.

Film holder and copyboard mat are ruled in ½ in. increments in four directions from center. Mat is lined white on black on one side for regular copy and yellow on white on other side for Ektalith and Gevacopy.

Accessories include a stand and vacuum back, pump and motor, xerographic and Ektalith adapter heads. Circle No. 276 on Reader Service Card.

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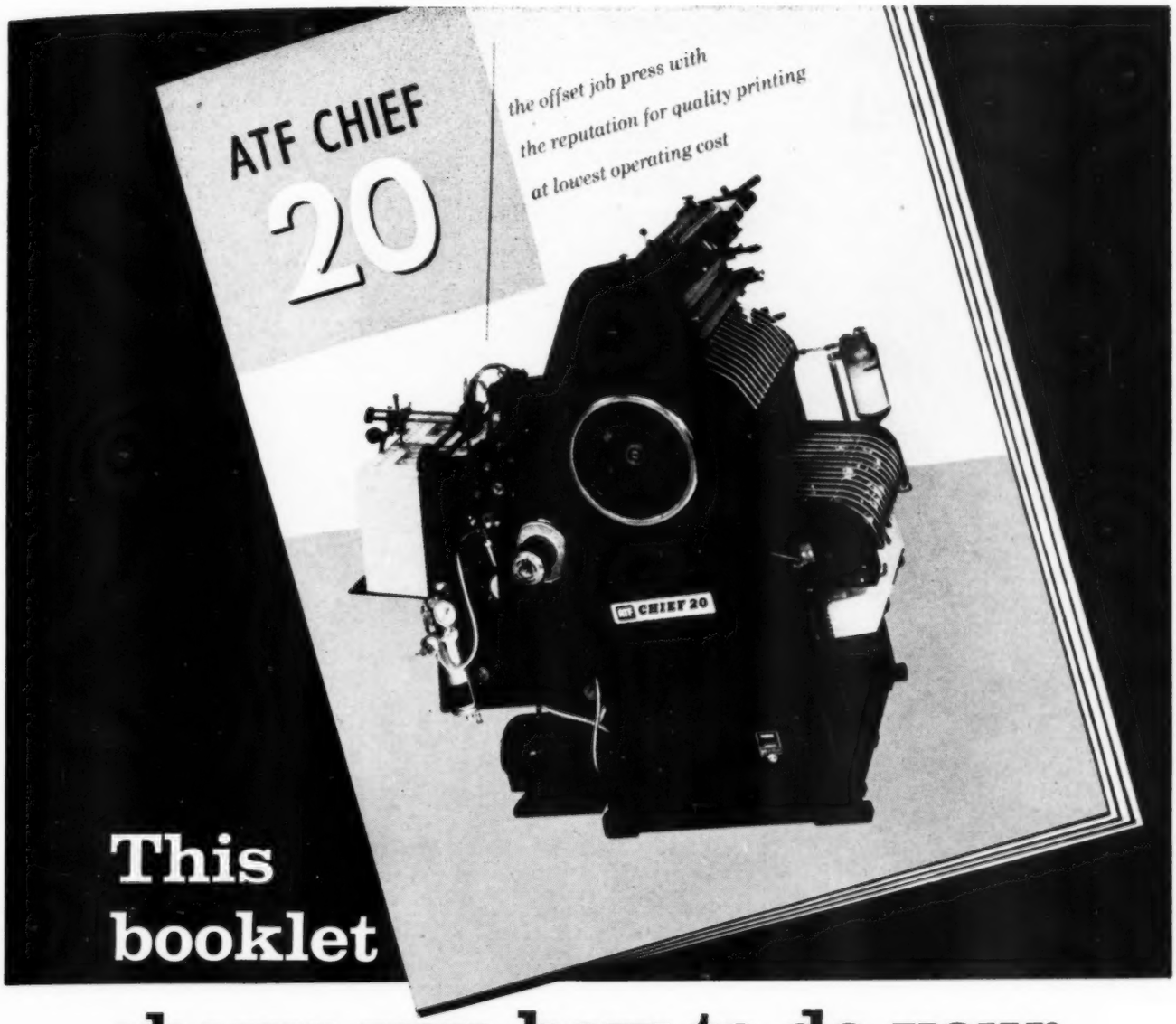

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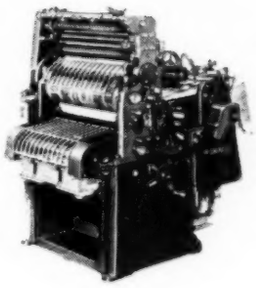

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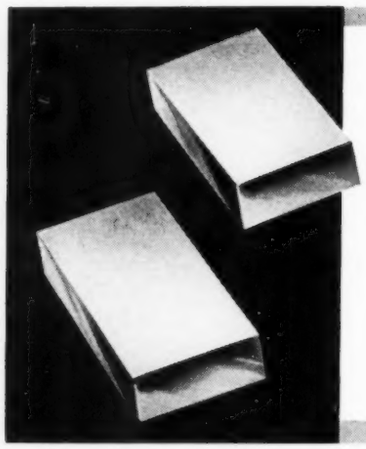

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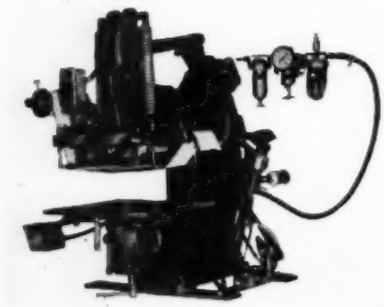
ROLL LEAF STAMPING PRESS

The Kensol 36T power stamping press is a new product of Olsenmark Corporation. The press is equipped with a newly developed left to right pull, air operated



roll leaf attachment. It is available in 6 in. by 8 in. and 5 in. by 12 in. sizes.

The air operated roll leaf attachment is fitted with 1 in. diam. air cylinder, four-way air valve, on-off valve and roller speed controls. Circle No. 281 on Reader Service Card.

FINGER PRESSURE ON SIDE PLATE RELEASES NUMBERING MACHINE PARTS

Two models of numbering machines for use in forms on flatbed presses have been named Roberts Royal and Royal Tru-Lok. Manufacturer states feature of these numbering machines is that finger pressure on the plunger side plate releases side plate, plunger, plunger springs and the lever; then a light tap on the wheel shaft disassembles all parts for insertion of skip wheels or replacement parts.

An additional advantage claimed for the Roberts Royal model is that the change of power transfer from the plunger to the indexing of the wheels reduces plunger spring tension. Featured in the Royal Tru-Lok is a safety attachment to prevent the overthrow of wheels during high speed press operation.

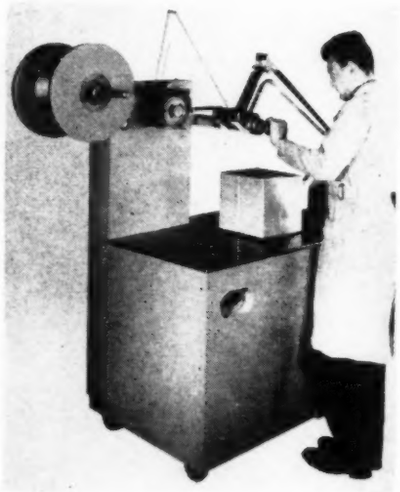
The new models are available with five to eight wheels and a choice of Roman or Gothic figures. Circle No. 256 on Reader Service Card.

AUTOBINDER STRAPPING MACHINE AUTOMATICALLY BINDS PACKAGES

Fiber Straps, Inc.'s Model 3201-18 Autobinder automatically applies, tensions and seals rayon strap on variable size packages. The machine is designed for strapping newspaper and magazine bundles, boxes and cartons.

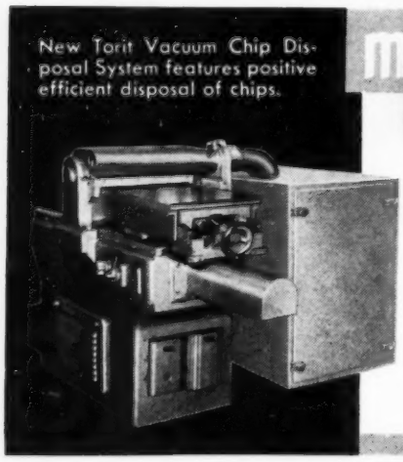
The Autobinder is rated to bind up to 15 packages per min. with 3/16 in. wide rayon strap. It automatically adjusts to package sizes ranging from 6 in. high by 2 in. wide by 8 in. long to packages 18 in. high, 36 in. wide by length.

Tying tension can be adjusted by a control knob at the front of the machine.



By varying the tension, compressible bundles or rigid corrugated cartons can be handled. When the tying tension has been set packages may be strapped on an assembly line basis. A magazine holds 5000 blanks for steel seals. Rayon strap is dispensed from a spool containing 5000 yards, sponsor says, making it possible to strap 2400 packages 18 in. square before replacing the spool.

Autobinder is 30 in. wide, 62 in. long and 69 in. high and is mounted on wheels for moveability. Circle No. 282 on Reader Service Card.



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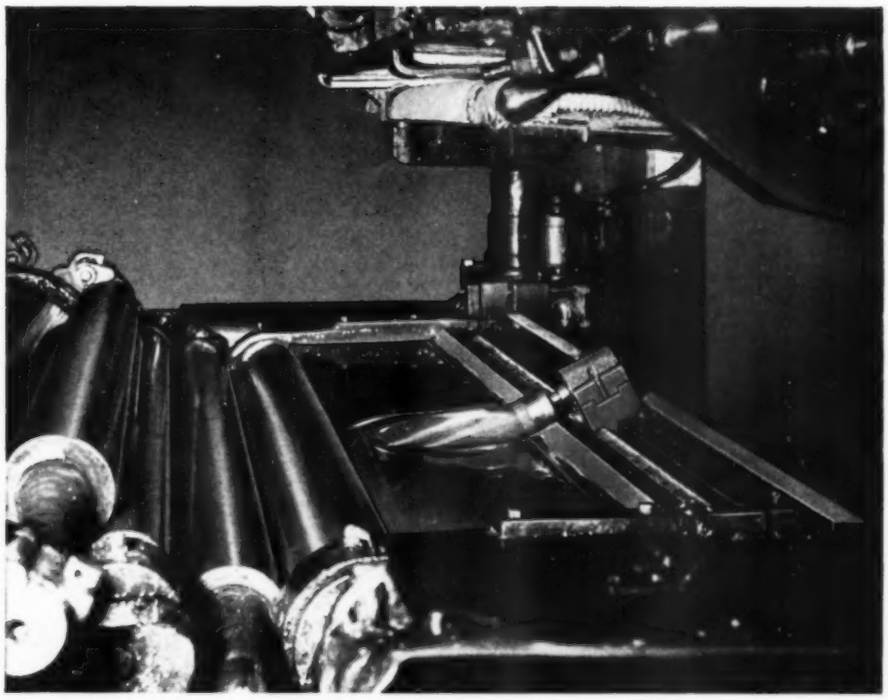
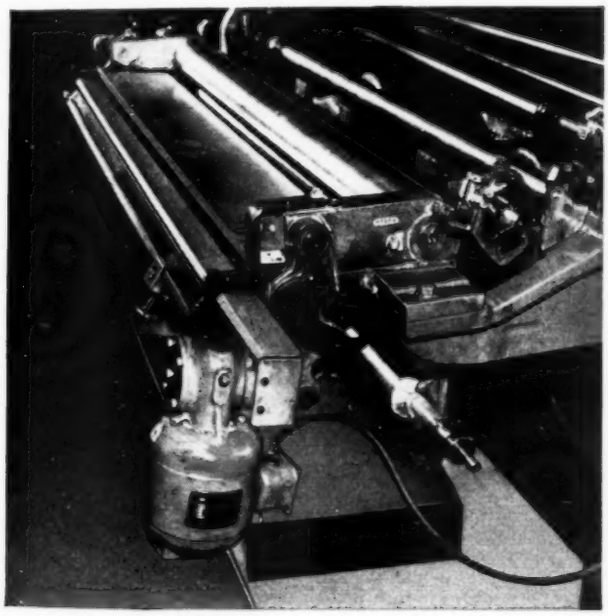
For More Information Circle 124 on Reader Service Card

Here's how you can cut the cost of quality printing...



Leading publishing house uses Baldwin Ink Fountain Agitators on this Cottrell 36x48 5-color rotary letterpress to maintain its high standards of quality while at the same time it reduces costs. Publishing houses, like commercial and boxboard printers, find that the savings in ink alone quickly pay for their Baldwin Agitators—on either flatbed or rotary presses.

This photo of a Miehle 56 2-color press equipped with a Baldwin Ink Fountain Agitator shows how the Agitator can be dropped out of the way so that it does not interfere with sliding form into place on bed. Wide open accessibility permits dropping blade for cleaning.



Equip your presses with Baldwin® Ink Fountain Agitators and get the benefit of substantial savings in ink and time—plus *quality* printing that keeps customers coming back.

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You save ink *two* ways: One, you never start with more ink in the fountain than a job requires because the unique Baldwin cone *push-feeds* the ink to the fountain roller. Two, Baldwin's separate motor drive *keeps* ink mixed during press shutdowns so there's no ink-wasting skin to be fished out of the fountain . . . no need to add more ink to finish the run.

You save *time*, too! There's no manual stirring and the pressman gets the job going quicker. What's more, the Baldwin *cleans-in-a-minute* cone makes washups and color changeovers less of a chore for the pressman and reduces downtime to a minimum.

On top of this, Baldwin Agitators are your guarantee of *quality* printing. They assure a continuous, uniform flow to the fountain roller of even the heaviest-bodied inks (the kind that give you a stronger color) and keep them in ink-mill condition.

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For More Information Circle 67 on Reader Service Card

THOMAS COLLATORS REDESIGNED

Redesign of its 8, 10 and 16 sheet floor model collators has been announced by Thomas Collators, Inc. Following are some improvements claimed by manufacturer: Separators insure single sheet feeding from each stack; feeding arms provide parallel delivery of sheets; rigid bin assembly for improved feeding; feeding arm control permits lifting and lowering of all arms simultaneously; finger tip stroke control mechanism to adjust feeding arm travel for various paper depths, and a toggle clamp back stop for adjustment to various sheet depths.

The two-tone gray collators feature a flip-top housing for accessibility to working mechanisms. A sheet size range up to 13 in. by 17 in. is provided on 8 sheet model, while a range up to 17 in. by 22 in. is possible on the other two models. All models have a minimum sheet size of 4 in. by 5 in. Circle No. 270 on Reader Service Card.

PRINTING PLATE MOLDING COMPOUND OFFERS HEAT RESISTANCE, FLEXIBILITY

A heat resistant and flexible printing plate molding compound has been named Daxene by the Dewey and Almy Chemical Div. of W. R. Grace & Co.

Claims made for the Daxene compound are: (1) It is heat resistant, enabling it to be stripped hot from molds without distortion; (2) It can be routed, beveled and shaved with conventional finishing equipment; (3) A plasticizer is incorporated in the compound to prevent the plate growing brittle with age.

It is announced the new compound can be made in various degrees of hardness. Plates are said to be flexible enough to be used on rotary and flatbed printing presses. Circle No. 257 on Reader Service Card.

DRY ADHESIVE FOR ENVELOPES

Flash Seal, a solvent-based dry adhesive, has been developed by Stein, Hall & Co., Inc., for front seal envelopes. Principal ingredients are uncooked dextrine, a synthetic resin polymer binder and an organic solvent, ethyl acetate, which requires no plasticizer.

Manufacturer states Flash Seal dries almost instantly and permits flat condition of finished envelopes. Circle No. 271 on Reader Service Card.

nuARC ADDS TO LIGHT TABLE LINE

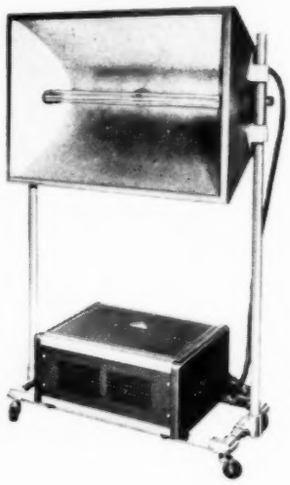
The addition of a 23 in. by 28 in. model to its line of light tables has been announced by nuArc Company, Inc. The table features a steel straight edge on all sides, a ceramic glass top and fluorescent lighting. Accessories available are a developing top, dropleaf work table for the sides and a catch-all shelf. Circle No. 283 on Reader Service Card.

DAVAC PAPER IN SMALL SHEETS

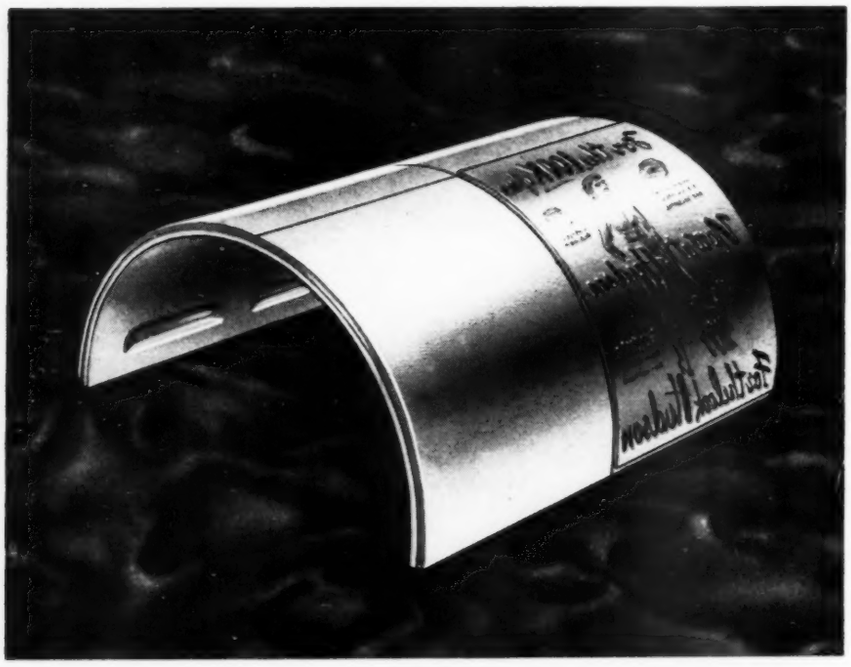
Davac AP label paper is now available in 8½ in. by 11 in. reams. Weights are 45 lb. and 55 lb. English Finish and 60 lb. Coated One Side Litho. Announcement was made by Nashua Corporation. Circle No. 269 on Reader Service Card.

SELF-CONTAINED PRINTING LAMP

American Speedlight Corp., manufacturers of Ascorlux line of xenon arc equipment, has announced the addition of a



self-contained xenon arc printing lamp for use with vertical vacuum frames. The power supply for the lamp is contained in the base of the castered lamp stand thus providing lamp mobility. Circle No. 284 on Reader Service Card.



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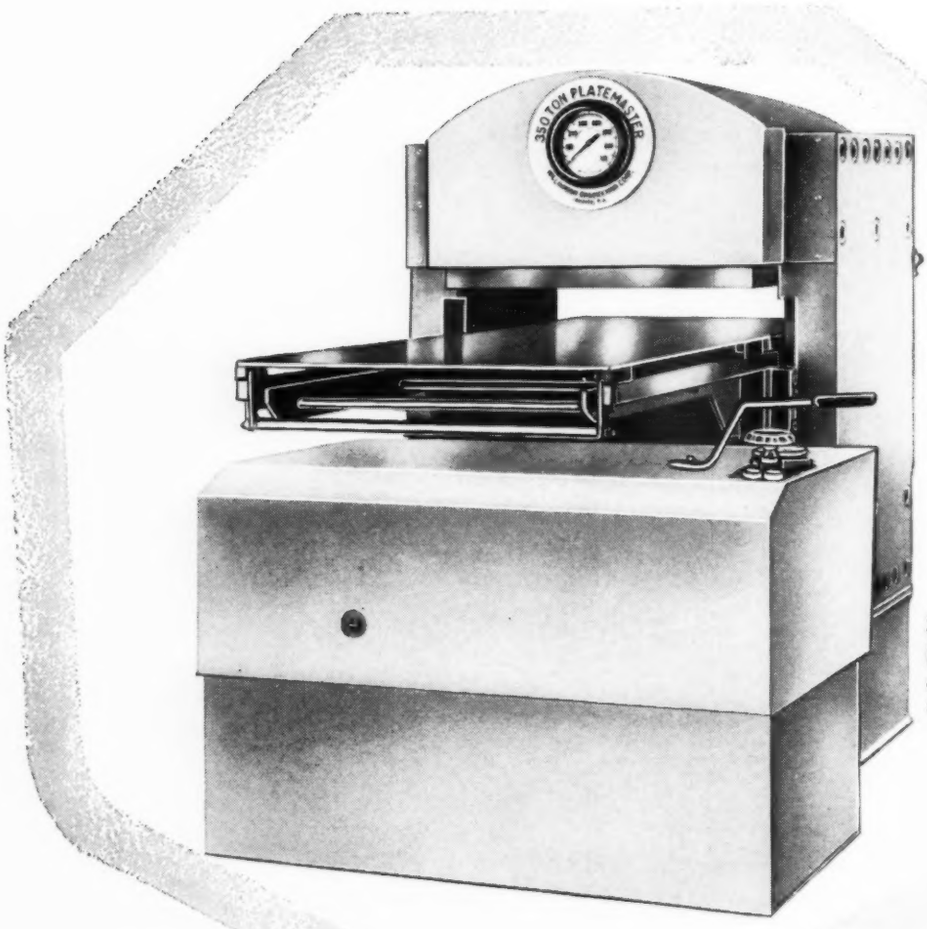

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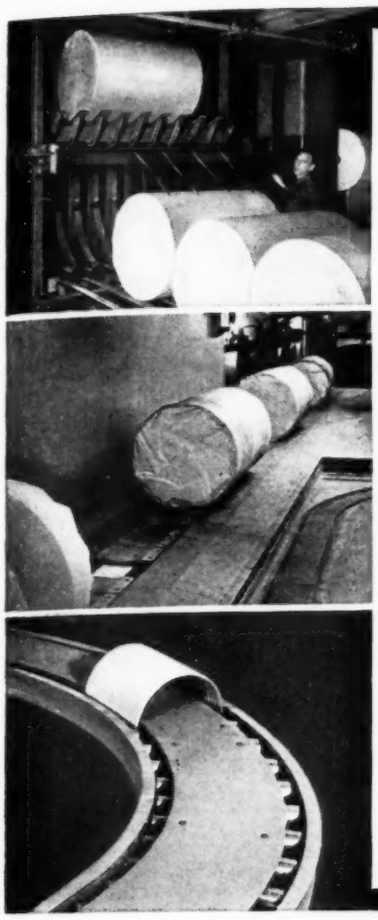

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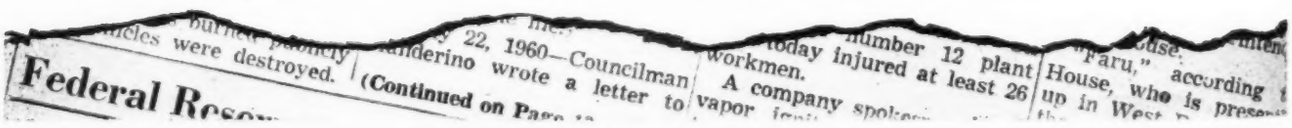

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PRINTING INDUSTRY PATENTS

Covering patents issued September 6, 13, 20 and 27.

All new patents for the printing industry are reported exclusively for PRINTING PRODUCTION by Invention, Inc., an industrial patent research organization in Washington, D. C. Invention, Inc., presently has the only staff in the country that examines, in the U. S. Patent Office, the complete printed copy, drawing by drawing and page by page, every one of the several hundred new patents issued each week. PRINTING PRODUCTION is the only trade publication in its field offering a report based on this complete coverage. For copies of the patents listed here specify the patent numbers and send 25c for each separate patent, or 10c for each trade mark or design patent (stamps not accepted) to the Commissioner of Patents, Washington, D. C.

Composing Room:

TYPE COMPOSING APPARATUS

The apparatus employs a disk having a number of concentric circles of characters. The disk is rotated continuously about its axis to bring characters in a single circle successively into photographic position and the axis is moved to select the circle containing characters of the desired font. Discrimination between the characters in a given circle is provided by decoding mechanism which is operative during a selected fraction of a revolution of the disk. No. 2,951,428 by Rene Higonnet and Louis Moyroud, assignors to Graphic Arts Research Foundation, Inc.

Platemaking:

LITHO PLATES AND COATINGS

Invention is based on the discovery that certain salts of hydrolized polyacrylonitrile and some of the reaction products of those salts impart to lithographic coatings the desired properties, such as coatings which adhere firmly to various layers underneath and one which is insoluble in water and organic solvents. No. 2,951,441 by Murray Wolf, and Harold R. Dalton, assignors to Timefax Corporation.

PHOTOPOLYMERIZABLE SUBSTANCE

The compositions are characterized by addition polymerization initiators activatable by actinic light and a mono- or di-ester of a glycol containing at least one ether-oxygen bonded solely to carbon or a monoalkyl ether or monoacyl ester thereof with an acrylic or alpha-alkylacrylic acid. Thin layers of the compositions can be photopolymerized to an insoluble product in a short time. No. 2,951,758 by Norman Thomas Notley, assignor to E. I. du Pont de Nemours and Co.

PLANOGRAPHIC PRINTING

The base of plate is paper and is so inexpensive that it can be used as freely as ordinary record paper but it is capable of furnishing at least 300 clean sharp copies. It is formed by incorporating an adhesive or binder in the paper pulp mix and after sheet is formed, a printing surface coating of a polysaccharide carboxy ether is applied and calendered. No. 2,953,088 by Douglas A. Newman, assignor to Columbia Ribbon and Carbon Mfg. Co., Inc.

ELECTROLYTIC RECORDING

This medium is useful in the reproduction of photographs in newspapers, magazines and other publications. It is capable of recording a greater range of gray tones from white to black, while being held at normal ambient temperatures or while being moderately heated than heretofore possible. No. 2,953,505 by Arthur H. Mones, assignor, by mesne assignments, to Hogan Faximile Corp.

PLATE GRAINING APPARATUS

A fine, even grain is imparted to aluminum, zinc or plastic plates by revolving a plurality of brushes in conjunction with water and a thin layer of pumice over the plate surface. The brushes are rotated simultaneously but in opposed directions so as to keep the pumice on the plate surface. No. 2,948,087 by Thomas Raymer Caton, assignor to Reproduction Research Laboratories, Inc.

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LIGHT-SENSITIVE COMPOSITIONS

For the preparation of lithographic printing plates, an aluminum plate is coated with an aqueous mixture of polyvinyl alcohol, potassium nitrate and beta-methylglutaraldehyde. The resulting plate is then sensitized with an azide polymer and processed to obtain a lithographic plate. No. 2,948,610 by Stewart H. Merrill, Earl M. Robertson and Henry C. Staehle, assignors to Eastman Kodak Company.

PHOTOPOLYMERIZABLE COMPOSITIONS, ELEMENTS, AND PROCESSES

Printing reliefs are prepared by exposing to actinic light selected portions of a photopolymerizable element made according to this patent and removing the unexposed portions of the layer. No. 2,948,611 by Arthur Livingston Barney, assignor to E. I. du Pont de Nemours and Co.

LIGHT-SENSITIVE COMPOUNDS

The compounds are suitable for the preparation of difficult reproductions. One compound claimed is a light-sensitive high molecular compound which is obtained by a process which comprises reacting polyvinyl alcohol and p-isocyanatobenzal acetophenone in chemically equivalent amounts to form a light-sensitive high molecular products. No. 2,948,706 by Wolf-Dietrich Schellenberg and Herbert Bartl, assignors by direct and mesne assignments, of one-half to Farbenfabriken Bayer Aktiengesellschaft and Mobay Chemical Co.

PATENT SEARCHES

For Patent Research in the U.S. Patent Office, or prompt estimate on any type of search, write

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PREPARING LITHO PLATE

A lithographic plate can be prepared from a xerographic plate, which plate has a surface of electrically insulating resin binder containing a finely-divided photoconductive zinc oxide and a hydrophobic developer powder, by saturating with an absorbent pad impregnated with a solid organic acid at least as strong as acetic and swabbing the photoconductive surface of the xerographic plate with the pad, whereby the photoconductive surface is rendered hydrophilic in those areas not protected by hydrophobic powder. No. 2,952,536 by Philip F. Kurz, assignor by mesne assignments, to Haloid Xerox Inc.

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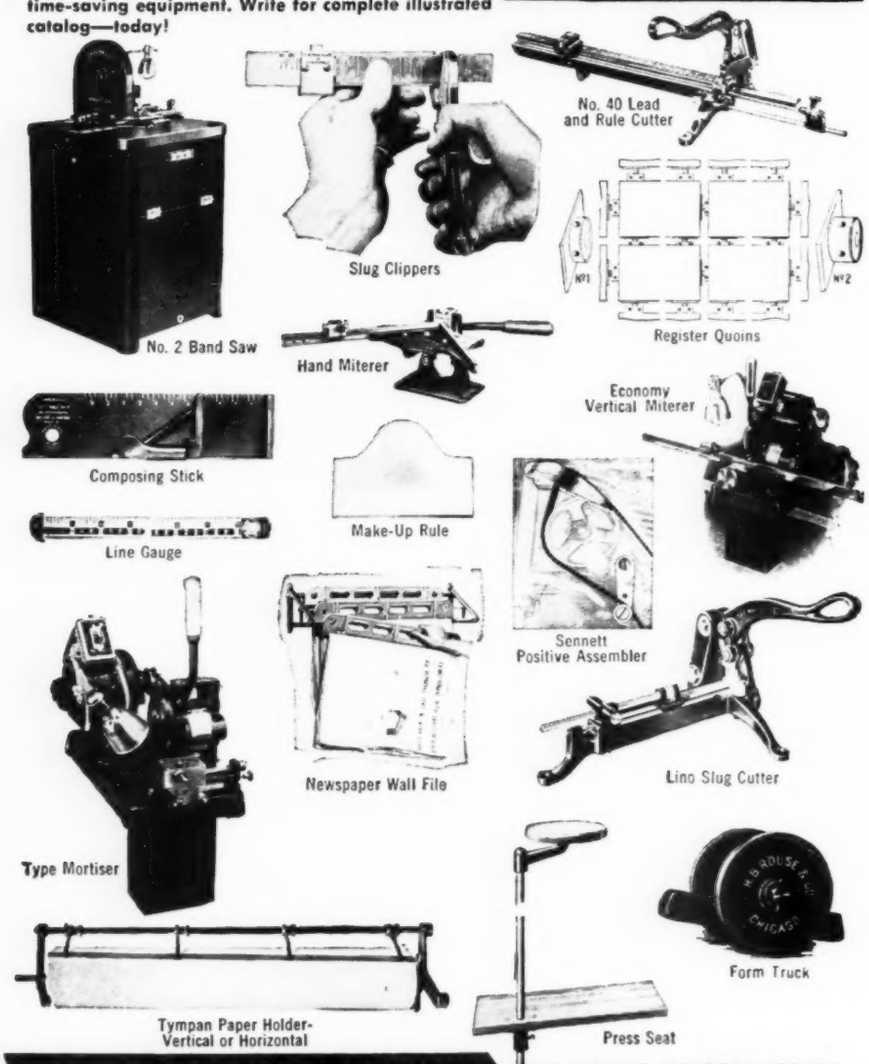

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Feeding, Folding, Delivery:

SHEET DETECTOR

The detector is electrically operated and is designed to determine whether or not a sheet has been delivered by a sheet feeder into a press. If sheet delivery fails, the detector then acts as a control to stop the press. No. 2,947,917 by Richard C. O'Brien, assignor to Harris-Intertype Corp.

SHEET FEEDING APPARATUS

Invention features a sheet separating and lifting mechanism incorporating a pair of sucker assemblies which are capable of moving in opposite directions outwardly of the pile while lifting each gripped sheet to stretch the sheet and then move inwardly of the pile to grip the next sheet. Vacuum may be applied at any time during the downward movement of the suckers. No. 2,950,913 by Alfred J. Staines, assignor to Harris-Intertype Corp.

SHEET FEEDING APPARATUS

In a cardboard embossing press, conveyor chains are adapted for the transport of a sheet gripper from a reception to a releasing point. The gripper is in the form of a bar secured transversely of the chains to form a lower gripper jaw and leaf springs define individual upper gripper jaws. No. 2,950,914 by William Frank Golding.

SHEET FEED AND REGISTRATION

In this apparatus a sheet gripping device is mounted on a conveyor through the intermediary of a mechanism which permits the gripping device to move relative to the conveyor in the direction of its travel. The apparatus includes two parallel endless chains supported on the machine frame and constituting a conveyor. Sheet grippers are disposed between the

chains at regular intervals. No. 2,950,-915 by William Frank Golding.

Printing Presses:

SILK SCREEN PRESS

In a silk screen printing press, a pair of power-driven gearwheels are associated with a pair of circular side surfaces and with the impression surface and mesh with a pair of toothed racks on the screen carrier, such arrangement anchoring the members in relation to the side surfaces and effecting reciprocation in paths defined by the side surfaces and guides. The arrangement further assures precise uniform operation from day to day, that is the parts are unstretchable. No. 2,950,673 by William Philip McCormick.

DOCTOR BLADE MECHANISM

The mechanism is designed to permit a doctor blade which has been damaged during operation of a rotary printing press to be exchanged for a new blade without stopping the machine. The blade as well as its support extends along the entire width of the printing cylinder and a pivotable sliding mechanism is disposed at each end ,the parts being connected by a single actuator so that both will be operated in unison. No. 2,947,248 by Friedrich Fuchs, assignor to Westfalendruck G.m.b.H. & Co.

SHEET FEEDING MACHINES

The device is of the type having a detachable front lay unit comprising a bracket with readily releasable attachment mechanism. The front lay is supported by the bracket for rocking movements about an axis extending beneath the feed table horizontally and transversely to the feeding direction. No. 2,950,916 by Headley Townsend Backhouse.

Bindery:

FOLDING PAPER SHEETS

In a rotary folder of the type in which the pages are severed from a printed web, assembled, secured together and folded to form a completed book, all the pages are made to lie completely flat by a gripper blade for effecting the fold, which gripper blade is so operated as to apply pressure upon the back of the fold to insure that the pages permanently retain their complete fold. No. 2,950,105 by Donald S. Berry, assignor to Sun Printers, Limited.

SIGNATURE FEED DEVICE

A calipering device is used as a sensing mechanism for a gathering machine. The caliper is adjustable to either a predetermined number of sheets in a signature or to the thickness of paper used. No 2,949,293 by William Leslie Fields, and Clayborn Y. Cain, assignors to R. R. Donnelley & Sons.

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Litho Process Color

(Continued from Page 47)

In the pressroom, paper is the most important raw material. We run both offset and coated paper in our plant. Each of these sheets has its own peculiarities. The offset vellum sheet has a tendency to change size more rapidly and to a greater extent than the coated sheet. If the coated sheet starts to loosen or tighten on the edges due to absorption or emission of moisture, it is much more difficult to bring it back into shape.

We prefer the coated sheet for register because a coated sheet in good condition does hold its original size better. Ordinarily, on coated paper we start the first color printing 0.002 in. short and are able to run the other three colors normal size most of the time. On offset paper we start the yellow, or first color, at least 0.003 in. short and end up with the last color from 0.003 in. to about 0.006 in. long.

The most important thing with regard to paper in running process color work is to know all the time exactly what the sheet is doing while it goes through the press. During the second run, it is entirely too late to worry about what the first run did.

A measurement should be taken across the back edge of each plate before putting it on the press. Then use this measurement to check the sheets at regular intervals while running. A number of instruments are made for this purpose. A simple way of doing this is to provide a length of banding iron, lay it on the plate and transfer the markers from the plate to the iron. This may then be used as the standard.

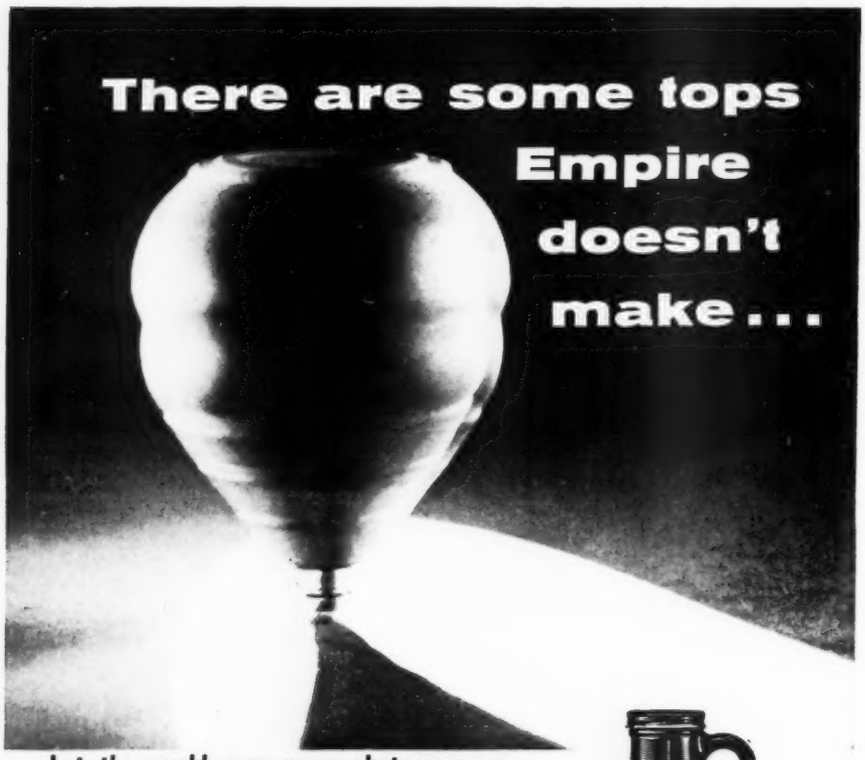
On a press having stops across the gripper edge of the impression cylinder the size of the printing across the back edge of the sheet can be controlled by graduating the stops to whatever extent is needed to hold the correct size.

In making ready, it is important that the pressman study the proofs well before starting. He should check each single color proof to see how it is printed. Then check the multiple color proofs to see that they have the same amount of ink and are printed the same as the singles. For instance, you may get into the position of running the yellow-blue to match the proof. Then when you get the four colors on the sheet you will find that the four color proofs do not have as much of one or the other of the first colors as the two color proofs. Since the customer has already seen the four color proof, it may take some effort to give him a finished job that looks the same as the proof.

The inks for each job should be adjusted to the sheet so they will have good printing tack and good transferring and trapping qualities. This should be done without distorting the sheet in such a way that it might cause register trouble or prevent it from running or jogging properly.

Patching Press Blanket

In making ready, you might find it necessary to go under a blanket and patch up certain portions of the print with 0.001 in. or 0.002 in. of tissue to get the entire sheet



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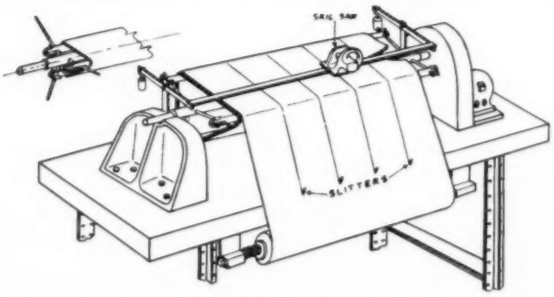

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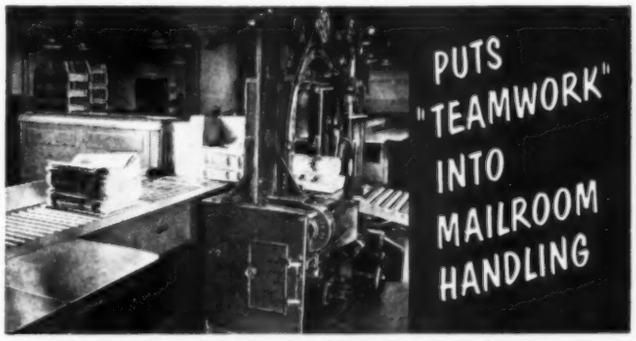

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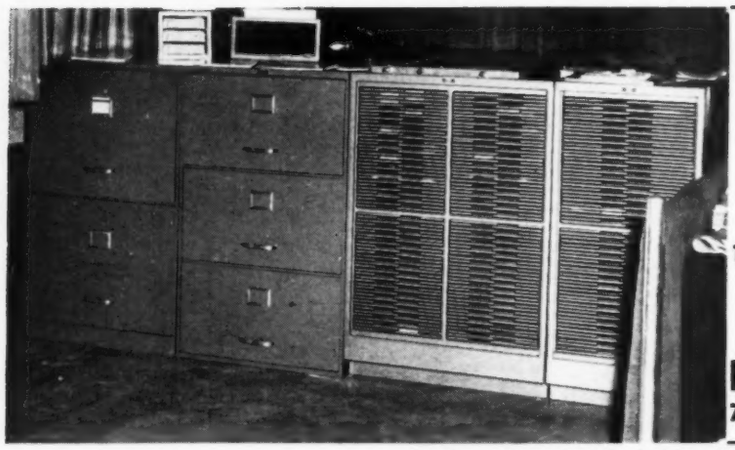

A typical installation . . .

HANsystem Files and Flat Cast Signature Cabinets

2-drawer Files hold 10 months full page service mats
3-drawer File accommodates 15 months ½-page service mats
136-tray Signature Cabinet . . . 30,000 square inches flat cast storage
68-tray Signature Cabinets . . . 26,588 square inches flat cast storage

HANSEN METAL PRODUCTS
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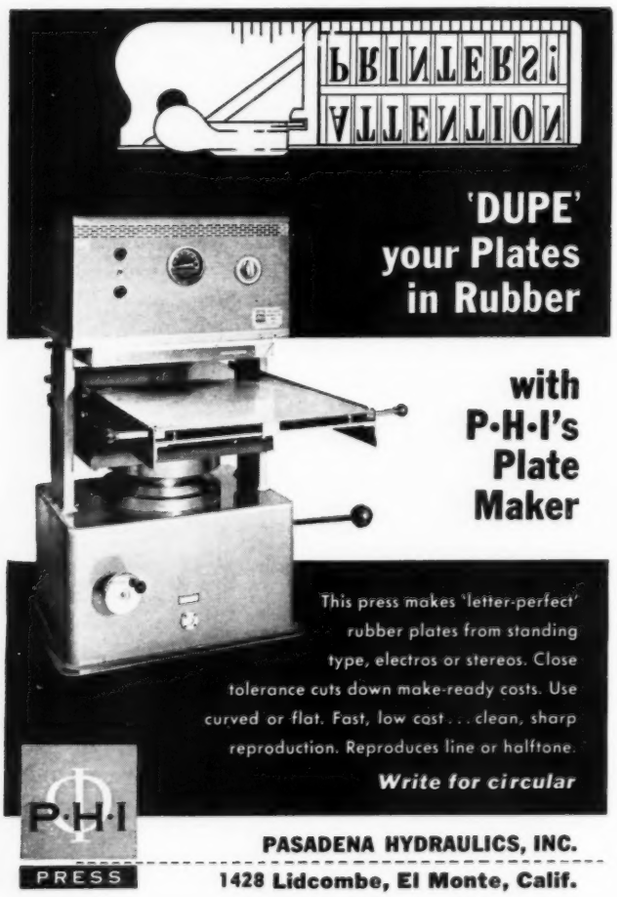
to look the same. This practice is especially helpful when running more than one subject on the sheet. It is possible that two or more covers or subjects may have been proved at different times on different presses or even on the same sheet. But they were proved lying in a different direction from what you are running. All these conditions may make it necessary to adjust the blanket packing.

Let's say, for example, there are four different cover designs following each other on the sheet from the gripper to the back edge. These have been proved at different times and each has a different amount of color. It is very helpful in such cases to add 0.001 in. or 0.002 in. to lighter colors to strengthen them. This, of course, is a throwback to letterpress makeready. Probably you have heard that one of the advantages of offset over letterpress is that you have no makeready of this nature. This is not entirely true, but it is not nearly as time consuming.

At times it may be necessary to change a color in shade to match the proof. This is important in getting the finished sheets to look exactly like the proofs. Pressmen have said: "Why worry about the color? This job looks better than the original." That may be true, but sometimes the customer does not want it to look better. He just



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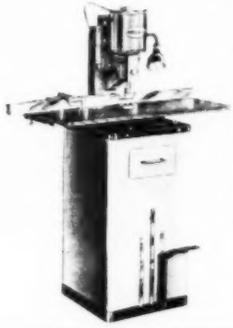
PAPER DRILLS
The Outstanding Value of the Industry



Holes for post and ring binder forms, 14 sizes from 1/8" to 1/2", with centers as close as 3/8". Table 32" x 18" with black plastic surface. Gages are of aluminum. Job set-up is the easiest and most accurate in the industry, with quick-change fixed gage rods available for repeating jobs. Cornering, slotting and slitting.

$245.00 to $350.00

PLASTIC FILM DRILLS
Now Plastic Film Can Be Drilled Like Paper In Full Packages

Our paper drilling machines above, when equipped with these special drills will handle the non-heat-sealing varieties. The more sensitive heat sealing films require different treatment, for which we have a drilling machine of the proper characteristics. Printers, packagers, and converters are invited to send in a trial lift of their material for test drilling.

PIONEER JUMBO DRILLERS
For Display and Label Work

Here are the first lever-operated drillers for holes from 1 inch to 2 inches in diameter. The operation is easy due to the design of the hollow drills. These drills don't need hydraulic power. The sliding table will handle sheets 15" x 30", in lifts an inch thick. Output of gallon paint labels (2 holes) is 10,000 to 20,000 per hour. Prices, complete and ready to run, $800.00 to $1,000.00.

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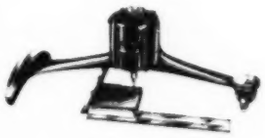
One for the Press Bed

Discard the chisel and hand drill—here's a router for the locked-up form. Can't harm the printing surface because it rides on a sub-frame. Excellent visibility, control, and speed. $96.00.

One for the Bench



This three-legged little hustler is standard equipment with weekly papers from coast to coast. Here's a lot of performance for very little money. $78.00 complete.

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STYLE	THICKNESS .025"-.027"	.030"-.032"	.055"-.057"	.060"-.062"	.070"-.072"	.076"-.078"	.080"-.082"	.090"-.092"
#67 Non Felt (Top)				X			X	X
#79 E.D. (Drawsheet)		X						
#77 Draw Sheet	X	X						
#76 Cork (Unders)			X	X	X	X	X	X
#62A (Synthetic Unders)			X	X	X	X	X	
#63A Foundation			X	X	X	X	X	
Other Thicknesses on Special Orders								

For More Information Circle 195 on Reader Service Card

STATIC

SIMCO GUARANTEES TO END YOUR PROBLEM!

Simco engineers have developed an electronic static eliminator that is *unconditionally guaranteed* to stop static, no matter what machinery or materials are involved! Yet this Simco *"Midget"* is the *least expensive, safest* means of neutralizing static available! The Simco *"Midget"* consists of a power unit and one or more static bars—designed to fit any machine. It's simple to install; its operating cost is less than 1/10c per day! Simco is America's largest manufacturer specializing in anti-static equipment, anti-static cleaning devices, anti-static sprays, and meters for locating and measuring static. Write for full facts today!

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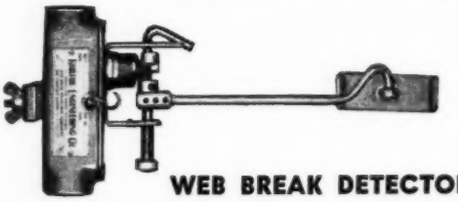
Cooksey System of

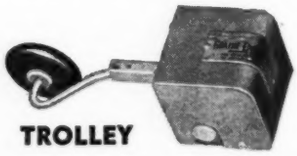
WEB CONTROL

EQUIPMENT DESIGNED TO COMPLETELY PROTECT YOUR PRESS WHEN A WEB BREAKS . . . INSTEAD OF MERELY STOPPING IT!



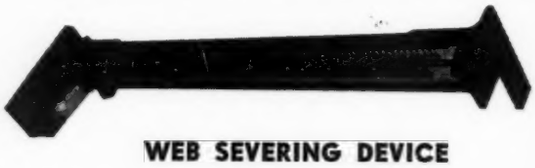
WEB BREAK DETECTOR

- Precise and quick acting to stop press instantly at the time of a web break.
- Has running position, threading position and two lock-out positions.
- Press cannot be operated at high speed unless shoes are in operating position.
- Can be mounted in any and all positions in press.
- Shoe pressure and range of operation can be easily adjusted for any web condition.



TROLLEY

- The most outstanding advancement made in web break detector systems in recent years. It prevents the web, after the impression, from lashing back and wrapping around the printing cylinders.
- The Cooksey System is the only system that provides this feature, therefore it is the only system that can actually prevent damaging wrap-ups due to web breaks.



WEB SEVERING DEVICE

- It is compact, and the action is positive and instantaneous.
- Cuts completely across the whole sheet.
- Clean cut web comes out of printing unit at time of a web break instead of ragged tails or loose pieces that may cause additional delay.

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SCHILLER PARK, ILLINOIS

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wants it to look like his product so the consumer will recognize it and buy it.

No Substitute for Clean Press

It is important to have a clean press when starting a job. Always start the yellow-blue run (we are talking about two-color press work) with clean dampers and a clean press. There are no worthwhile short cuts here. This will enable you to match the proofs easier and also to follow the original OK more closely.

One thing that makes our operation interesting in working with publication covers is the fast handling required. The customer furnishes us with a 16 mm. Ektachrome transparency. This is blown up 8½ in. by 11 in. cover size in the separation negatives. A press proof is made. The customer is sent the proof and he gives us an OK and/or criticizes it. Corrections are made, story lines inserted and final negatives are made. Then the plates are made from these negatives. Here we are now several steps from the proof plates.

PLEASE SAY YES TO
THE NEW MARCH OF DIMES
NF
THE NATIONAL FOUNDATION

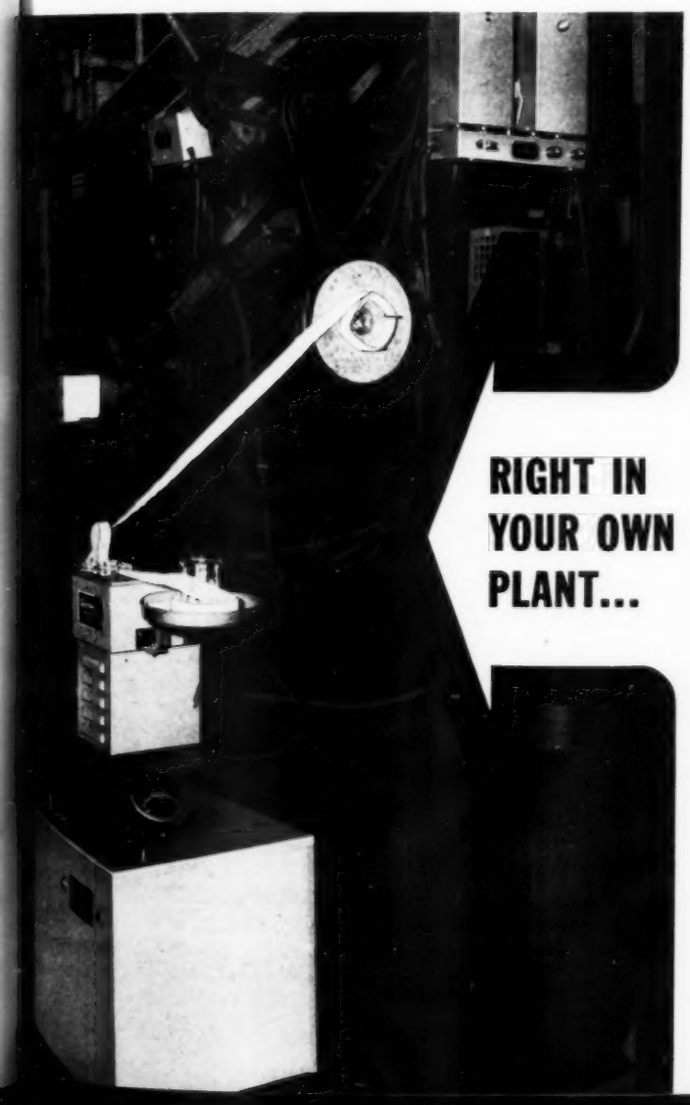
We put the running plates on the press and pull single color sheets on each unit of the two color press. After carefully checking these against the single proofs and making whatever adjustments are needed in pressure and color, we pull off the two-color sheet and register the two colors.

Now we have the problem of setting up a color OK for the pressman to follow. We take into consideration that the proofs were pulled on a single color press with the blue going down over a dry yellow. Now we are putting the two wet colors together which makes some difference in trapping.

Establishing this color OK really can be interesting. One must bear in mind that color corrections have been made since the proof being worked from was made. Also, it will be too late to change your mind the next day when the black and red are being put on the job.

After getting an OK sheet set up, it is the pressman's job to observe during the run what variations take place and make adjustments to take care of them. He has to check color regularly against the OK sheet, comparing the color blocks on the sheet with those on the OK. Color blocks, spots, or bars (whichever term you prefer) are an absolute necessity. Even better is some sort of gray scale with a solid and a few variations of screen repeated a number of times across the width of the sheet.

The proper way to help control the color is to keep the same amount of water in the fountains all the time. Sometimes a pressman will mix a new batch of ink that is softer than the previous one. This will cause the halftones to run fuller. If he cuts down on the ink, the solid blocks on the plate will become weaker. This means that the highlights are becoming stronger and the shadows weaker, thus im-



See How You

Cut Tape-Setting Costs

with SHAFFSTALL Attachments!

If you use tape composition, you're economy-minded. Now—save still more by adding Shaffstall Electronic Attachments. Cut composing costs $500 to $1,000 per year per machine. Here's how . . .

SHAFFSTALL MAT DETECTOR scans each line *mat by mat* as it comes from the magazine. If a single mat fails to drop into place, the machine stops until error is corrected. Otherwise, the same error would repeat again and again. Saves proofreading and re-run time.

SHAFFSTALL SELECTO-SPACER justifies lines with thin or en spaces *at a touch*, saves up to 25% of operator's time in tape composition. Avoids rollbacks, "rub-outs," loose lines—reduces operator fatigue. New operators can be brought to speed twice as fast.

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Make us prove our claims. If you have perforated-tape equipment, we'll bring our attachments to your plant and show how they save.

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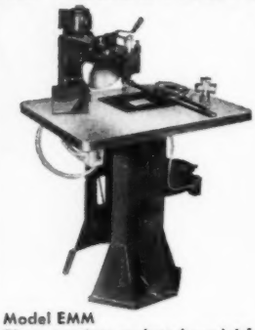
Model ESST
Electromatic Plate Saw for stereo's and electro's, heavy duty construction at a medium price.


Model EMM
Plate mortiser pedestal model for the big daily and commercial plant. Full page capacity.

Model BJRM-2
Plate Mortiser
Heavy Duty Jig Mortiser

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pairing the quality of the finished job. Therefore, it is important to keep the ink the same consistency.

The etch in the water may need to be strengthened during the run. If the water is too weak, the plate will tend to run fuller, causing a loss in detail. If the pressman does not detect this readily, he may try to run less ink or more water to sharpen the print. This is working in the wrong direction and the quality of the job suffers. It is necessary to check the press register regularly and also check the distance between the outside marks on the tail of the sheet.

In our plant we know from experience about what to expect with different humidities. We have neither air conditioning nor moisture control in our pressroom. The humidity varies tremendously in the Atlanta area. We take a reading, set the graduated guides accordingly and then if during the run we detect any change in size, the stops are adjusted to correct it.

There are numerous machines, instruments and devices for quality control in the pressroom. These are densitometer, inkometer, wet film thickness gauge, blanket thickness gauge, psychrometer, paper hygroscope (an absolute necessity), micrometer, etc. Those mentioned are wonderful instruments and can be helpful, but they are only as good as the men who use them.

Some of these instruments must also be adjusted to the conditions of the plant in which they are used since most of the readings will be relative to these conditions. In other words, standards have to be established. The readings you take with your instruments will show the requirements in relation to your standards.

Many questions have been asked about the correct amount of pressure to use in printing. Is 0.001 in. or 0.002 in. or 0.003 in. correct? We maintain that the correct amount of pressure is the least amount it takes to give the best possible print.

Rollers and blankets are important items in producing good lithography. Manufacturers of these items have been cooperative in the last few years in working to meet all changes necessary in the swing from offset papers to coated papers. This change made it necessary for the ink manufacturer to make faster drying and quicker setting ink to combat offset of the ink in the piles and also to permit faster handling. Thus with the aliphatic solvents in the ink, the roller and blanket manufacturer was faced with the problem of making products that would not soak up all the vehicle from the ink and yet would not swell up.

All the things we have mentioned are fundamental and basic everyday practice in most shops. All we have said about presswork boils down to one thing: In order to produce good process color work, the pressman must be a craftsman. He has to be able to recognize slight variations in his work. He must also have the ability or finesse to make the adjustments and corrections before they are obvious to anyone else or are detrimental in any way to the quality of the job. ⊕

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Richards
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M2-BT For semi-curved plates

Model PMRS
Radial arm router.
3 in 1 machine Router-Mortiser-Planer.

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TO HELP NEWSPAPERS PRINT BETTER

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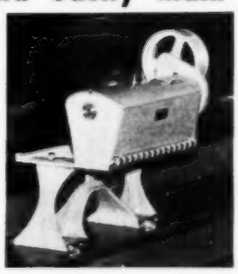
PORTABLE INK FOUNTAIN

Installation on Duplex

- **Saves time of pressmen—no costly installations**
- **Can be used on new or older equipment**
- **Easily operated and easily maintained**

Let us tell you about the many other features!



Installation on late model Goss Headliner

Capital Tool & Manufacturing Co., Inc.

5000 Calvert Road, College Park, Md. • Tel. UNion 4-7677

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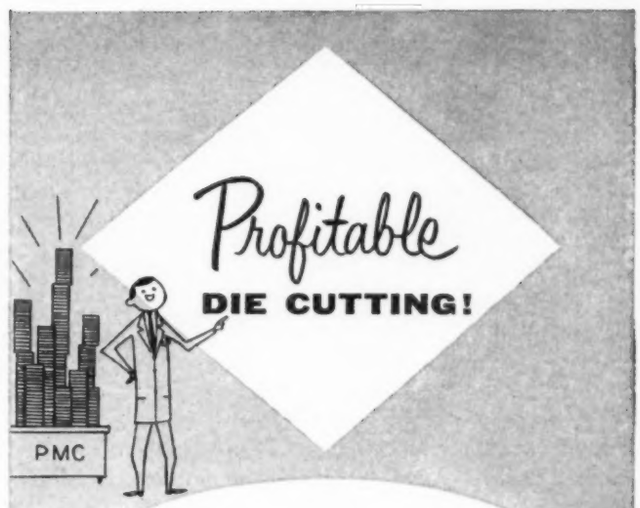

A troublesome service can be turned into a profitable operation with the PMC Die Cutting Machine. Many printers and lithographers have found new business opportunities in a wide variety of work requiring an efficient, economical die cutting operation.

Speed—ruggedly built and simple to adjust, the PMC Die Cutting Machine can handle up to 300,000 pieces per hour; **simplicity**—die can be locked into a registered position in the machine in a few minutes, change of jobs made quickly and easily; **versatility**—handles a wide range of label, round cornering and specialty work and is efficient for both, long and short runs.

Write for additional information.

PMC

The Printing Machinery Company
436 COMMERCIAL SQUARE
CINCINNATI 2, OHIO

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Union Merger Possible

(Continued from Page 53)

must be made with economic factors in mind—not selfish accomplishments, politics or out-of-date principles."

He said it was difficult for him to understand the thinking that is prevalent in some of the jurisdictional rivalries between unions and said they have resulted in a "war of nerves" which have interrupted normal operations. The UES president asked the unions to find a way to take employers out of the middle in jurdisdictional disputes.

Later, he added: "Printing methods and processes are going through a stage of evolution that is both rapid and far reaching. Ways and means must be found to make it possible for the employers of traditional trade unions to introduce or experiment with innovations without a jurisdictional war within a plant. These problems in union plants are given competitive advantages to open plants which will have lasting effects. Many union employers have by-passed opportunities for progress because they fear the consequences of this unresolved problem."

Segal also asked the unions for: ". . . flexibility in seniority; adjustment of apprentice ratios to the needs of the industry and individual plants; self-education by union members to improve their ability and learn new processes and operations; and limitation of selfish interests."

In closing, the speaker said: "I know it is difficult for anyone to consider any ideas which involve changes in thinking that have been lived with for many years. Maintenance of status quo is a disease shared by both management and unions. Yet, progress requires changes, and our thinking must be altered and revitalized from time to time."

Change Must Come

In a separate convention address, Paul Lyle, executive vice president of Western Printing and Lithographing Co., Racine, Wis., discussed new developments which were on display at the convention's equipment exhibit. He noted the resistance in the Graphic Arts to acceptance of engineering and research, but predicted the printing industry will have to change—and change radically. He added: "Each of us has some influence on this rate of change."

Lyle charged that management spends time on small changes and overlooks areas in which substantial change can take place. Too often, he said, printers take their problems to the manufacturer and are then too vague in their description of the problem.

He believes the industry will eventually reach the optimum on speed and size. He hesitated to say when this would be, but said that size may be near on press sheets. Lyle selected downtime as one big area in which printers should try to reduce.

Error on Tirfing Presses

A picture in the November issue of PRINTING PRODUCTION (page 100) which shows a newly-installed Tirfing press was incorrectly captioned. Tirfing presses are made in Sweden, not Swiss-made as PRINTING PRODUCTION reported.

YES! that's a fact. There's no need to have your machine out of operation for two or three days.

The true cost of a quadder is the price of the equipment plus the cost of production lost during installation. Only a Star Quadder can be installed during a single shift.

8-hour Star Quadder installation is possible because simplicity of design is the keynote throughout. Typical is the completely outboard Hydraulic System. This consists principally of only two cylinders with pistons and a single connecting hose. The electrical and mechanical components are just as simple to install and maintain as the Hydraulic System.

This is why your line-casting machine will be back in production after a single-shift Star Quadder installation—equipped to turn out more slugs than ever before.

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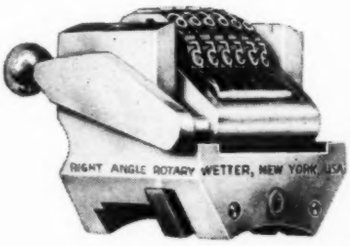
WETTER
PARALLEL ROTARY

Accurate and *rugged!* Wetter Parallel Rotary features hardened steel number wheels with heavy-duty ratchets, number faces custom-curved to fit press cylinder. One-piece, curved-base steel frame has exclusive Wetter Quik-Lok clamping gib, minimizes set-up time, needs no mounting ring adapters.



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RIGHT-ANGLE ROTARY

For high-speed numbering at right angles to impression cylinder. Both rotary models are available with Roman or Gothic figures, and can be operated from the same cam and mounting ring. Wetter Numbering Machines assure perfect number sequence, crisp, accurate register, clean, sharp impressions — every job.

NONPAREIL MODEL — for use on large diameter cylinder, bed and platen type presses.

LOCK-WHEEL MODEL — for small diameter cylinder presses. Patented lock bar prevents throw-over at highest speeds. Both Nonpareil and Lock-Wheel models available with Roman or Gothic figures, in 5, 6, 7, and 8-wheel types.

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DIV. OF NEW ERA MANUFACTURING COMPANY
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—cast more 3 ways!

1 Gas or electric immersion heating

Kemp Immersion Remelt Pots (gas or electric) put the heat where it belongs—*inside* the metal. Recirculating heating tubes inside the pot distribute the temperature evenly . . . without heat loss. Result: faster heating, quicker melting . . . bigger savings in fuel and labor.

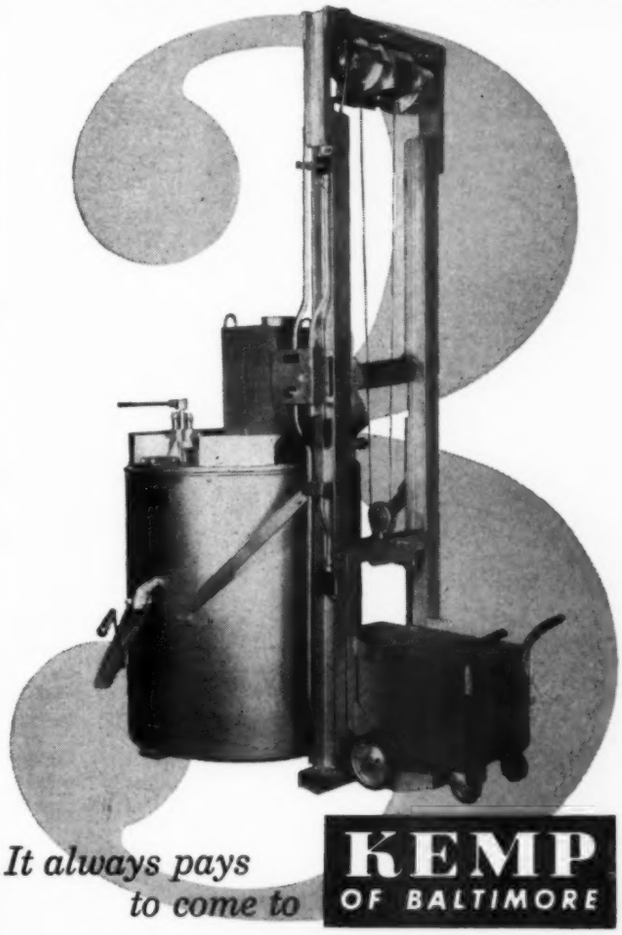
2 Easy and accurate temperature control

Kemp's easy, exact temperature control combined with rapid heat recovery provides continuous casting . . . even with great amounts of metal added. An inner exhaust *blankets* the metal, cuts dross formation. Result: higher casting rates, highest casting quality.

3 Good, safe working conditions

Kemp's modern, compact-design remelt pots have all heating units and control wiring fully enclosed. Result: obnoxious fumes and uncomfortably high room temperatures are eliminated . . . air conditioning is no problem. Write today for further information.

KEMP AUTOMATIC METAL LOADER with electric hoist eliminates manual loading . . . speeds work, cuts costs. (All carts have 700 lb. capacity.) Available with any Kemp Remelt Pot.



THE C. M. KEMP MANUFACTURING COMPANY
405 E. Oliver Street, Baltimore 2, Maryland

For More Information Circle 198 on Reader Service Card

PIA Production Conference

(Continued from Page 51)

board. He intimated production is scheduled around the press department and this form is used as a basis to discuss backlog. It will also indicate when to schedule overtime. Three weeks backlog at the Reynolds plant is the maximum they like to carry, he said.

Stinson was asked what kind of groundwork was laid in the plant prior to establishing standards. He replied it was very carefully planned. The company attempted to pick the better people with whom to work. He indicated standards were established by using only three people who had shown interest.

Herman agreed and related his experience at Kable in establishing standards. Key personnel in each department were selected for this work. Company officials explained what they were attempting to do and assured employees that no changes detrimental to them would be made. When the employees realized this, he commented, they tended to become more open minded.

Another member of the audience inquired as to the methods used by Brown to make production personnel sales minded. Brown stated a big asset to the organization, if sales minded, is the production manager. It depends, however, on the type of man employed and on whether he can be made to accept the philosophy. There is a continuous program at Judd & Detweiler to make production employees aware of the customer. He admitted, however, it is a never ending problem.

In addition, Brown said all sales personnel spend time in production areas to acquaint them with plant problems. He stressed there could not be any conflict between sales and production or it would surely be communicated to the customer.

Asked if jobs which are incomplete are loaded on the scheduling board, Rohde answered in the affirmative. If, for example, a job is incomplete because of proofs out to the customer, he is asked to return them by a specific date or the job will be rescheduled.

Stinson was asked if very much thought had been given to setting standards for hand work in the composing room. Stinson indicated they had been hesitant to attempt this, but said a statistical approach was being tried which was quite involved.

Donald Sommer, Printing Industry of America, Washington, D. C., interjected that it is possible to set standards in this department. The key is the major operation and large cost centers in which jobs repeat again and again. Although it is a complex situation, once the key is found, ways will be discovered to set standards for other operations.

Standards for major operations such as Ludlow, Elrod, typesetting and page makeup can be effectively set up. One should strive to effectively control 80% of the composing room rather than to control 100% ineffectively, he said.

Purchasing New Equipment

Paul Foss, Paul Foss Printing & Litho Co., Minneapolis, Minn., presented a number of questions on the subject of purchasing new equipment.

It should be first determined if a need for the new equipment exists,

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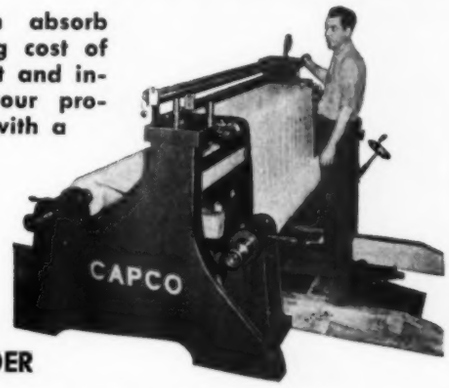

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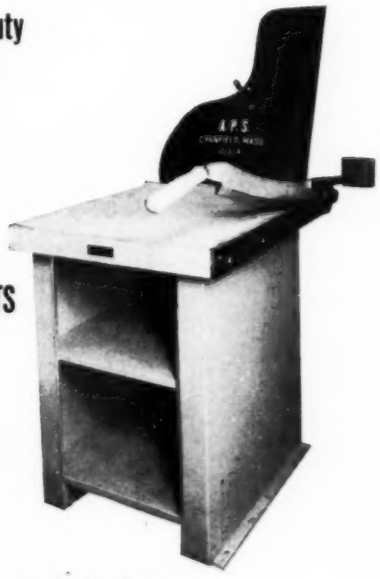

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or if a certain type of printing need exists. Prior to purchasing equipment all avenues should be explored, he said, such as farming out work, leasing, etc.

The cash situation should be checked. The effects of the new equipment on other departments should be considered. Will one have to purchase larger equipment for other departments if a larger press is purchased? Will one need more employees to handle the increased work? Will the addition mean breaking into a new line of work, such as color?

Will one shift be adequate to get the most out of the new equipment or will two be more profitable? If a second shift is desired, who will manage it? Can sales be secured with the present sales staff or will more salesmen be necessary? Can the present average profit be maintained with the necessary sales volume?

Foss urged that these questions be answered prior to actual purchase.

Edward Blank, New York Employing Printers Assn., New York City, suggested purchasing the largest press which union manning allows. For example, when purchasing a press which requires two men to operate it, the largest two-man press should be investigated. He urged those present not to overlook small machines which increase production on larger equipment,

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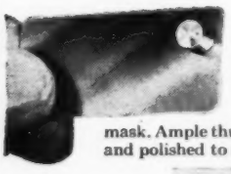

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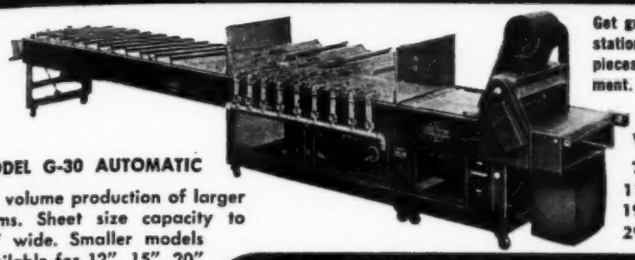

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such as quadders and pig feeders for typesetting machines.

The Saturday technical forum consisted of a panel which answered production questions put to them by the audience and the chairman, Ed Blank, NYEPA. One of the first questions concerned the cause of blisters when using heatset inks.

Kenneth L. Wallace, staff service engineer, Kimberly-Clark Corp., Neenah, Wis., answered that it was due to the 300 deg. temperature rise in only 1-2 sec. when moisture in the paper is released. If the moisture is not released, it turns to steam within the paper causing blisters. Other factors include the porosity of the paper, dwell time in the oven, types of ink used and amount of ink coverage. Heavy printed areas blister more frequently than do halftone areas. The type of heat—gas or electric—is another factor.

The paper manufacturer should control the porosity and moisture content of the paper, Wallace said. He urged the above factors be considered when the job is running on the press. Longer dwell times were advised. If short ovens are in use, speed should be reduced. Some plants use a preheating unit prior to sending paper through the oven, Wallace concluded.

Magnetic Ink Printing

G. L. Erikson, executive vice president, Braden-Sutphin Ink Co., Cleveland, was asked about the amount and kind of equipment necessary for quality control in magnetic ink printing. His answer indicated a minimum of $1000 to $1500 was needed to purchase the quality control instruments.

Most important is a tester for signal level, he said. Also necessary is optical equipment to check character size, voids, edges, etc. There are plastic gauges on the market, he said, to check alignment and skew. A rough guide when running is an ink film thickness gauge which rides on the distributing roller. He stressed quality control in magnetic ink printing must be done while the press is producing and not after the run is completed.

Another question directed to Erikson concerned the potential market for magnetic printing. He said at present it was limited to printing bank checks. However, future work will probably be governed by the Federal Reserve. Outside of banking procedures as a

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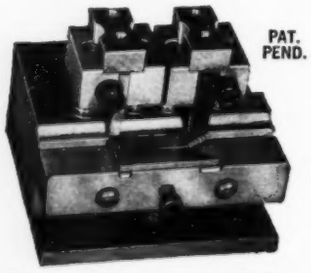

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market, he suggested large companies might use the magnetic ink concept for accounting practices. Another use might lie in printing credit cards with these inks.

According to Carl Ireton, director of gravure research and development, Standard Publishing Co., Cincinnati, there are three categories for which gravure operations are most suited. These are the publication, packaging and specialty fields. Gravure is widely used, he said, in Sunday newspaper supplements. A new use, he asserted, is in advertising inserts for newspapers such as the Hi-Fi color program which preprints high quality gravure on webs for inserting during the press run into daily newspapers.

In the packaging field, both sheetfed and webfed gravure presses produce overwraps, cartons, print on foil, and are quite extensively used in the soap and tobacco fields. Specialty areas where gravure is unsurpassed are wallpaper and shelf paper printing, textile printing and wood graining. Ireton said that it was now very difficult to tell a printed wood finish from real wood. In addition, gravure can be adapted to more surfaces than any other process except screen process printing, he stated.

Increase in Paper Hickies

Concern was expressed over the increase in the last five years in paper hickies. John L. Kronenberg, manager, Printing and Lithographic Div., S. D. Warren Co., Boston, replied many times paper is blamed when it is not the cause. As a general rule, paper particles will stick to blankets and not to plates, and will appear as white centered hickies. The black centered doughnuts are hydrophobic substances and generally appear on the plate. Dirt and dust from sprays, he continued, tend to resemble paper dust and is confusing.

Kronenberg suspects a relationship between the new fine grained plates and the increase in hickies.

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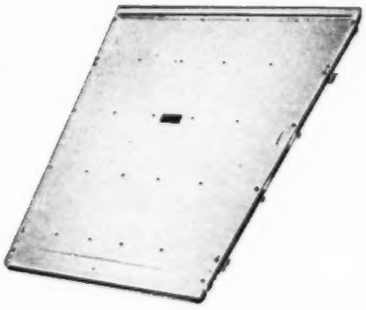

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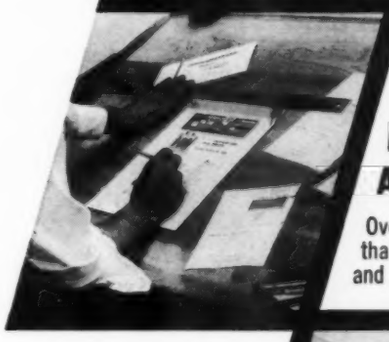

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Plates are more sensitive to dust and dirt than were the previous more coarse plates. Reducing ink to reduce hickies is questionable, Kronenberg asserted.

Some plants have reverted to running leather covered rollers. However, to keep them in condition is a task in itself. Kronenberg indicated that some plants have started to use a synthetic grained roller in place of leather and good results have been reported. It is, however, not as effective as the leather roller, according to the panel member.

Don Gemmel, lithographic superintendent, Western Printing and Lithographing Co., Poughkeepsie, N. Y., said the newer heatset inks will help to reduce the hickie problem. However, roller glaze then becomes a problem. He also said vacuum cleaners on presses were a good approach to the problem. Wallace suggested wiping off edges of the paper skid with a brush or rag with which several members of the panel agreed.

To Manage New ANPA Division

Eugene Gardner has been appointed manager of the newly formed Newspaper Information Service, American Newspaper Publishers Assn. According to Stanford Smith, general manager, ANPA, the information service has two objectives: To create and maintain a better understanding of the daily newspaper and its functions, and to cultivate an active interest in newspaper careers.

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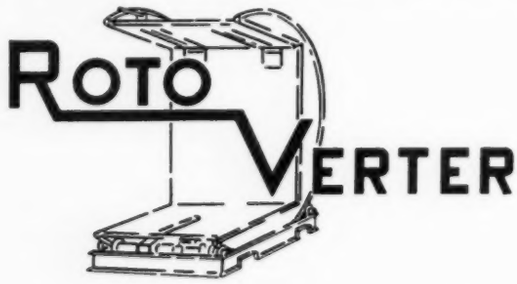

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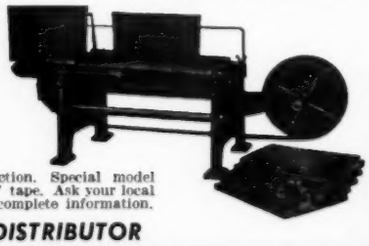

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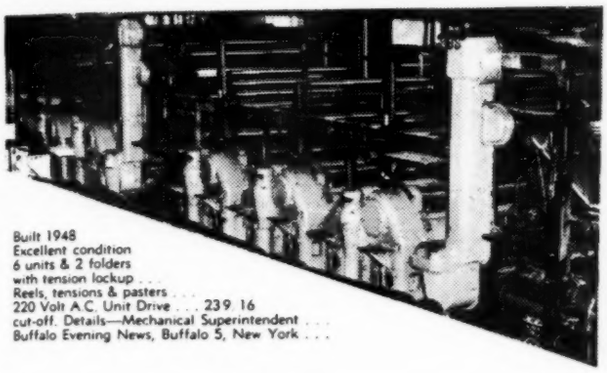

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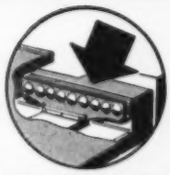
Ball bearing, easy gliding tables on all models. Powerful workholder . . . Greater work capacity . . . Micro elevating saw head on Models B & C.

Unsurpassed for quality and precision. Bench, console, floor models. Priced $650.00 to $995.00.



Tables glide effortlessly on 18 steel ball bearings.

PATE COMPANY 6124 N. Pulaski, Chicago 46, Illinois

For More Information Circle 59 on Reader Service Card

MESSAGE HANDLING BELT CONVEYORS
for PROOF and AD COPY
TELEGRAMS and OTHER DOCUMENTS
THE NOVAK COMPANY
118 Waynewood Park • Plainfield, N. J.

For More Information Circle 137 on Reader Service Card

PRECISION
***Flat-Ground* TURTLE**

Mirror-smooth, extra thick top, 24" x 28½", is heavily ribbed to maintain accuracy. Adjusts from 36½" to 39½" working height. 5" x 1½" double ball bearing swivel type composition casters. Heavy-duty, rugged construction assures years of trouble-free service.

NOLAN *Corporation* ROME, N.Y.

For More Information Circle 194 on Reader Service Card

Use the convenient yellow Reader Service Card found in this issue for requesting information about printing equipment and supplies.

SPECIALIZING IN
NEWSPAPER PLANT EQUIPMENT

BEN SHULMAN ASSOCIATES
60 EAST 42nd STREET • NEW YORK 17, N. Y.
'Phone OX 7-4590

For More Information Circle 159 on Reader Service Card

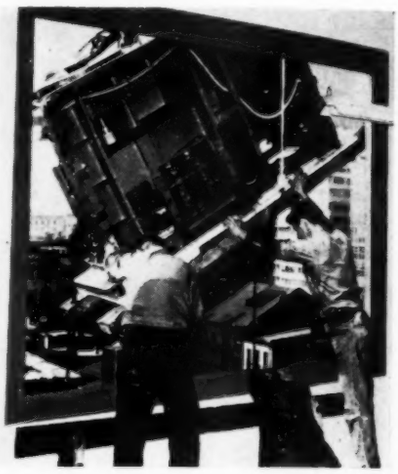
Hawaiian Eye Star Reigns over Printing Week—Miss Connie Stevens, Warner Bros. starlet who plays Cricket in the *Hawaiian Eye* TV series, has been selected to reign as Miss Perfect Type during 1961 Printing Week celebrations, Jan. 15-21. The observance of Printing Week is sponsored by the International Craftsmen's Assn. and cooperating organizations. Shown with Miss Perfect Type is Robert M. Edgar, Neyhart Printing Co., Pittsburgh, president of the International Craftsmen's Assn.

Three-Wheeled Vehicle Speeds Type Deliveries—Adoption of a three-wheeled Cushman Mailster has speeded delivery operations of North American Composition Co., Div. Allen, Lane & Scott, Philadelphia. Shown is a messenger parking the economy-size vehicle in a crowded downtown area.

GRAPHIC VIEWS

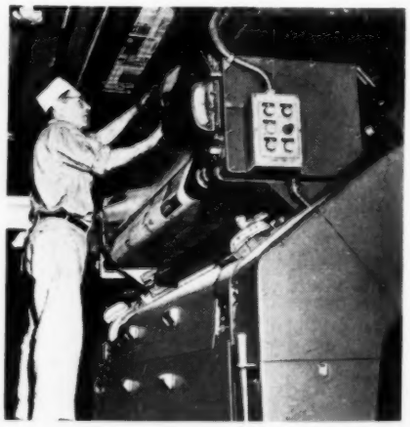
of the Printing Industry

Brother Trio Compiles 106 Years of Service—The three Jason brothers, pictured, have compiled a service mark of 106 years at the Lezius-Hiles Co., Cleveland printing firm. Andy, left, composing room foreman, has 36 years; Steve, center, letterpress department, 38 years; and Joe, bindery foreman, 31 years. Long employment records at the firm are also held by 11 other employees who, combined with the Jason brothers, have a service record of 486 years.



Mergenthaler Press Flies High—After being hoisted 10 stories above the ground, the pictured Mergenthaler letterpress reaches its destination. Workmen guide the press into the pressroom of Bowne & Company, New York.

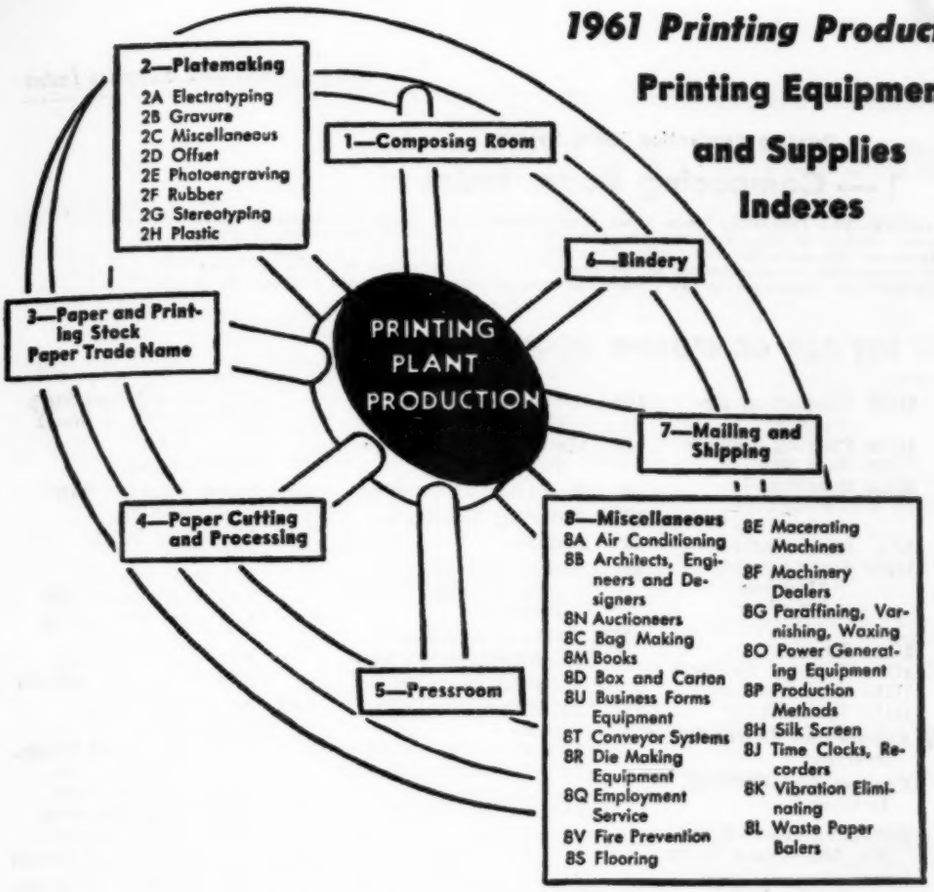
President-Elect Kennedy Meets with Union Head—Stimulating the American economy and expanding automation were discussed at the pictured meeting of President-Elect John F. Kennedy and Edward Swayduck, president, Local 1, Amalgamated Lithographers of America, New York. The meeting occurred shortly before the U. S. presidential election.



Philadelphia Newspaper Installs New Type Color Couple—A pressman at the Philadelphia *Evening and Sunday Bulletin* is shown plating-up a color couple that was recently installed by R. Hoe & Co., Inc. Reportedly, the unit may be plated-up from the floor level.

1961 Printing Production

Printing Equipment and Supplies Indexes



The compilers of these indexes have used every precaution to insure the correct listing and spelling of manufacturers' firm names, addresses and the equipment and products supplied by them. For this reason, *Printing Production* cannot be responsible for omissions or errors.

How to Use These Indexes

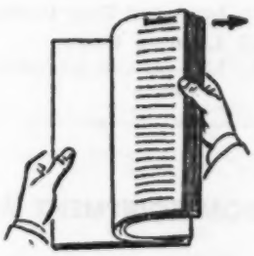
As will be seen by looking at this chart, the printing equipment and supplies indexes have been divided into eight main indexes each one representative of the department in the printing plant in which the equipment and supplies are used. Thus, if one wishes to locate equipment or supplies for the pressroom all he needs to do is turn to 5—Pressroom Index on page 146. In this way, the executive will be concerned with an index consisting of sources of supply **for the pressroom only.** In this way, while he is hunting pressroom sources of supply he is not concerned with the many sources of supply for other departments in the plant.

Please bear in mind that if you do not wish to follow the symbolized entries in each index, you may just ignore the symbols and use any of the indexes as a straight alphabetical index.

Two of the eight main indexes, **2—Platemaking,** and **8—Miscellaneous,** have been broken down into separate components. Thus **2—Platemaking** contains eight separate platemaking indexes grouped together for convenience. Under **8—Miscellaneous** will be found names and addresses of manufacturers not usually identified with regular printing plant departments.

The Printing Press Specification Tables, as usual, are in a separate section, starting on page 195. The tables have been corrected to date and contain additional information.

Use the thumb index (as shown below) for quick location of any index



Index

1—Composing Room . . . 110

2—Platemaking 116

2A Electrotyping 116

2B Gravure 117

2C Miscellaneous 120

2D Offset 121

2E Photoengraving 127

2F Rubber 132

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3—Paper, Printing Stock 137

Paper Information . . 140

4—Paper Cutting and Processing 144

5—Pressroom 146

6—Bindery 156

7—Mailing, Shipping . . . 161

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8A Air Conditioning
8B Architects, Engineers and Designers
8N Auctioneers
8C Bag Making
8M Books
8D Box and Carton
8U Business Forms Equipment
8T Conveyor Systems
8R Die Making Equipment
8Q Employment Service
8V Fire Prevention
8S Flooring
8E Macerating Machines
8F Machinery Dealers
8W Machinery Movers
8G Paraffining, Varnishing, Waxing
8O Power Generating Equipment
8P Production Methods
8H Silk Screen
8J Time Clocks, Recorders
8K Vibration Eliminating
8L Waste Paper Balers

Trade Name Index 16

Manufacturers, Suppliers, Dealers 18

Printing Press Specifications 19

***Printing Production* Filing System**

1 — Composing Room Index

HOW TO USE THIS INDEX—This Composing Room Index is comprised of two parts. Immediately below is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically, and includes a cross-index of equipment and supplies. Products may be found by alphabetical reference either in the Key or in the Main Index. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

KEY FOR COMPOSING ROOM INDEX

1A Adhesives
1SS Aprons
1B Belts
- 1B1 Cord Rubber (Linecasting)
- 1B2 Dressing
- 1B3 Fabricated
- 1B4 Leather

1C Binders for Newspapers
1D Blowers (Portable Cleaning)
1E Cabinets, Stands, Typecases, etc.
- 1E1 Dispatch Room
- 1E2 Portable Lead and Slug Rack

1F Chases, Quoins and Lockup Accessories
1G Composing Machines (Hot Metal) and Supplies
- 1G22 Floor Pig Rack
- 1G16 Furniture Molds
- 1G1 Keyboards, Keyboard Operating Units and Tape Perforators
- 1G17 Keyboard Operating Tape
- 1G2 Lead and Rule Casters (Casting Mechanism of Linecasting Machines)
- 1G3 Machines
- 1G20 Magazines
- 1G5 Matrices
- 1G19 Matrices, Special
- 1G6 Matrix Cleaning
- 1G18 Matrix Lug Swaging Tool
- 1G7 Matrix Processing
- 1G15 Metal Melting Devices
- 1G8 Parts
- 1G12 Plunger Cleaner
- 1G25 Production Recorder
- 1G24 Proving Devices
- 1G21 Slug Saw
- 1G14 Spaceband Polishing Machines
- 1G4 Strip Casters
- 1G23 Strip Casting Machine Knurling Attachment
- 1G9 Supplies
- 1G13 Tabular Systems
- 1G10 Type Casters
- 1G11 Typesetting

1QQ Copy-Proof Conveying Systems
1J Feeders and Feeding Devices
1K Furnaces (Remelting), Pig Molds and Tools
- 1K1 Furnaces
- 1K5 Heat Control
- 1K2 Heating Devices
- 1K3 Pig Molds
- 1K6 Replacement Pots
- 1K4 Tools

1L Furniture
- 1L1 Composition
- 1L2 Metal
- 1L3 Wood

1M Galleys and Locks
- 1M1 Galleys
- 1M2 Galley Locks

1N Gauges
- 1N8 Angle
- 1N1 Copyfitting
- 1N7 Makeup
- 1N3 Matrix
- 1N4 Micrometer
- 1N5 Plate
- 1N6 Rule
- 1N2 Type-high

1O Lead and Rule Cutters
1GG Lighting Units
1P Line-up and Register Tables
1OO Lockers, Clothing (Steel)
1Q Makeup and Storage Tables
1R Metal and Metal Flux
1S Mitering Machines
1T Motors
1H Numbering (Typographic) and Dating Devices
1MM Parts Rebuilding
Phototypesetting Machines. See 2D46
1U Plate Mounting Systems
- 1U3 Cleaning Outfits
- 1U7 Laminated Plastic Base
- 1U6 Light Weight Base
- 1U5 One-Piece
- 1U1 Sectional
- 1U2 Tools
- 1U4 Type Metal Base

1TT Pre-makeready Process
1V Presses
- 1V4 Pressure Gauge
- 1V1 Proofing
- 1V3 Rotary
- 1V2 Testing

1RR Proof Driers
1KK Punches, Press
1LL Reproduction Proofing
- 1LL7 Coater
- 1LL1 Mounting Equipment
- 1LL2 Photomechanical
- 1LL3 Relief
- 1LL4 Proof Stock
  - 1LL4.1 Special
  - 1LL4.2 Transparent
- 1LL5 Wax
- 1LL6 Drier

1W Routers for Line Slugs
1X Rule
- 1X1 Brass
- 1X3 Cutting, Creasing, Perforating
- 1X2 Type Metal Strip
- 1X4 Zinc Face Wood Rule

1Y Safety Cans
1Z Saws, Planers, Saw Sharpeners
- 1Z7 Band Saws
- 1Z1 Planers
- 1Z6 Saw Blades
- 1Z2 Saw Sharpeners
- 1Z3 Saw Sharpening Service
- 1Z4 Saw Trimmers
- 1Z5 Swaging Machines

1JJ Slug Modifying Machines
- 1JJ2 Slug Plate Thickness Cutter
- 1JJ1 Slug Profiler
- 1JJ3 Slug Surfacing
- 1JJ4 Type Screener

1HH Steel Newspaper Heads
1AA Sticks and Rules (Composing and Makeup)
1BB Thermometers and Pyrometers
1PP Tint Blocks
1CC Tools (Machinist)
1DD Trucks
- 1DD5 Form
- 1DD1 Form File
- 1DD2 Form Lift
- 1DD3 Makeup
- 1DD4 Metal

1NN Tweezers
1EE Type
- 1EE1 Aluminum
- 1EE2 Borders
- 1EE3 Brass
- 1EE4 Casting Machine Matrix
- 1EE5 Foundry
- 1EE9 Multigraph
- 1EE6 Steel
- 1EE8 Thin Spaces
- 1EE7 Wood

1UU Type Tieup
1FF Type Washes

COMPOSING ROOM EQUIPMENT AND SUPPLIES MAIN AND CROSS-INDEX

○Indicates advertiser. See Advertisers' Index, Pages B-C-D.

A

ADHESIVES 1A
○American Publishers Supply Inc., P.O. Box 421, Lynnfield, Mass.
○American Roller Co., 1342 N. Halsted St., Chicago 22, Ill.
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
Arabol Manufacturing Co., 110 E. 42nd St., New York 17, N. Y.
Bingham Brothers Co., 406 Pearl St., New York 38, N. Y.
Bingham's, Sam'l, Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.
○Booth, E. A., Rubber Co., 2855 Scarborough Rd., Cleveland Heights 18, O.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.
Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O.
Hoyt, Arthur S., Co., Inc., 20 Jerusalem Ave., Hicksville, L. I., N. Y.
Lox Manufacturing Co., 3310 E. 31st St., Kansas City 28, Mo.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn. Adhesive two-side film and tape.
Morningstar-Paisley, Inc., 630 W. 51st St., New York 19, N. Y.
Permacel, U. S. Highway No. 1, New Brunswick, N. J.
Pittsburgh White Metal Co., 13 E. 37th St., New York 16, N. Y.
Star Cement Co., 11—39th St., Irvington, N. J.
Union Rubber & Asbestos Co., 232 Allen St., Trenton 6, N. J.

ALUMINUM TYPE
See under Type 1EE.

APRONS 1SS
Bemis Bro. Bag Co., 408 Pine St., P.O. Box 133, St. Louis 2, Mo.
Economy Novelty & Printing Co., 244 W. 39th St., New York 18, N. Y.
Hoosier Tarpaulin & Canvas Goods Co., Inc., 1302 W. Washington St., Indianapolis 6, Ind.
Miller Apron Co., 1943 Fourth St., LaVerne, Calif.

AUTOMATIC SAW-FILING EQUIPMENT
See under Saws, Planers, Saw Sharpeners 1Z.

B

BASES AND HOOKS
See Plate Mounting Systems 1U.

BELTS 1B
1B1 Cord Rubber (Linecasting)
1B2 Dressing
1B3 Fabricated
1B4 Leather
Cling-Surface Company, 1032-48 Niagara St., Buffalo 13, N. Y. —1B2.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.—1B3.
Dayton Industrial Products Co., Dayco Department, 2001 Janice Ave., Melrose Park, Ill.
Duryea Products Co., Inc., 168 Rockland Ave., Woonsocket, R. I.—1B3.
Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O.
○Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
○Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.—1B1.
Ton-Tex Corp., 247 Pearl St., N.W., Grand Rapids 2, Mich.
United States Rubber Co., 1230 Ave. of the Americas, New York 20, N. Y.—1B1.

BENCHES FOR MACHINISTS
See Cabinets, Stands, Type Cases, etc. 1E.

BINDERS FOR NEWSPAPERS 1C
○Rouse, H. B., Co., 2214 N. Wayne Ave., Chicago 14, Ill.

BLACK AND WHITE MATRICES
See under Composing Machines and Supplies 1G.

BLOCK LEVELERS
See under Saws, Planers, Saw Sharpeners 1Z.

BLOWERS (PORTABLE CLEANING) 1D
Ace-Sycamore, Incorporated, 448 Dekalb Ave., Sycamore, Ill.
American-Standard, Industrial Division, 8111 Tireman Ave., Dearborn, Mich.
Invincible Vacuum Cleaner Mfg. Co., Dover, O.
Lamson Corporation, 250 Lamson St., Syracuse 1, N. Y.
Paasche Airbrush Co., 1909 Diversey Parkway, Chicago 14, Ill.

BORDERS
See under Type 1EE.

BRASS RULE
See under Rule 1X.

BRASS TYPE
See under Type 1EE.

C

CABINETS, STANDS, TYPE-CASES, ETC., 1E
1E1 Dispatch Room
1E2 Portable Lead and Slug Rack
○American Steel Chase Co., 31-31 —48th Ave., Long Island City 1, N. Y.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Angle Steel, Inc., 169 Acorn St., Plainwell, Mich.
Anstrem Sales, Beaverdale Section, Box 2134, Des Moines 10, Iowa.—1E2.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.
○Chambersburg Lumber Co., College and Scotland Aves., Chambersburg, Pa.—1E.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.
Equipto, 401 S. Highland, Aurora, Ill.
Foster Manufacturing Co., 140 N. 13th St., Philadelphia 7, Pa. —1E 1E1.
Hamilton Manufacturing Co., 1316 —18th St., Two Rivers, Wis. —1E1.
○Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.
○Hansen Metal Products Co., 7171 W. Bloomingdale Ave., Chicago 35, Ill.—1E1.
○Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 1, N. Y.
Linotype Maintenance Co., 136 Church St., New York 7, N. Y.
○Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill.
Lyon Metal Products, Inc., Aurora, Ill.
○Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
Missouri Central Type Foundry, 705 E. Murdock St., P.O. Box 2066, Wichita 1, Kan.
○Morrison Company, The, 125 W. Melvina St., Milwaukee 12, Wis.
Penco Division, Alan Wood Steel Co., Oaks, Pa.
Petersen Manufacturing Co., 18 Sebago St., Clifton, N. J.
Reid, William, Co., 2271 Clybourn Ave., Chicago 14, Ill.
○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.
S & M Mfg. Co., 3155 Verdugo Rd., Los Angeles 65, Calif.
Thompson Cabinet Co., Laura St., Ludington, Mich.

CALIPERS FOR SLUGS AND TYPE
See under Gauges 1N.

CAMERAS, REPROPORTIONING
See Cameras and Accessories under Photoengraving 2E3.

CANS, SAFETY
See under Safety Cans 1Y.

CASTERS, LEAD AND RULE
See under Composing Machines and Supplies 1G.

CEMENT FOR CUTS
See Adhesives 1A.

CHASES, QUOINS AND LOCKUP ACCESSORIES 1F
○American Steel Chase Co., 31-31 —48th Ave., Long Island City 1, N. Y.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Bancroft, Ralph, Co., 324 Fifth Ave. S., Minneapolis 15, Minn. Slug-high sinkers.
Beard Newsprint & Warehouse Edgewood Ave., Minneapolis 26, Minn.
○Carlson, Chesley F., Co., 2240 Co., Inc., 8761 Fulton St., Detroit 9, Mich.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.

Challenge®
for
HI-SPEED QUOINS
METAL FURNITURE
TYPE-HIGH GAGES
See your local Challenge Dealer

Crabtree, R. W., & Sons (Canada) Ltd., 629 Adelaide St. W., Toronto 1, Ontario, Can.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.
Ever Ready Machinists, Inc., 137 W. 19th St., New York 11, N. Y.
Garland Manufacturing Co., 46 Water St., Saco, Me. Rawhide mallets.
Greene, C. R., Printing Co., 115 N. Fourth St., Tipp City 1, O.
Hamilton Manufacturing Co., 1316 —18th St., Two Rivers, Wis.
Hempel, H. A., 586 Tonawanda St., Buffalo 7, N. Y.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
Jacobs, Louis R., 2546 S. Phillip St., Philadelphia 48, Pa.
Lance, Chester L., Co., 620 Browder St., Dallas 1, Tex.
Mendez Company, 30 Beekman St. New York 38, N. Y.
Newspaper Publishers Supply Co., 1639 N. Lorel Ave., Chicago 39, Ill.
○Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.
○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.
Sandblom Steel Chase Co., 426 S. Clinton St., Chicago 7, Ill.
○Simco Company, The, 920 Walnut St., Lansdale, Pa.
○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill. Make-up gauge.

CLEANERS FOR MATRICES
See under Composing Machines and Supplies 1G.

CLEANERS FOR TYPE
See Type Washes 1FF.

COMPOSING MACHINES (HOT METAL) and SUPPLIES 1G
1G22 Floor Pig Rack.
1G16 Furniture Molds.
1G1 Keyboards, Keyboard Operating Units and Tape Perforators.
1G17 Keyboard Operating Tape.
1G2 Lead and Rule Casters.
1G3 Machines.
1G20 Magazines.
1G5 Matrices.
1G19 Matrices, Special.
1G6 Matrix Cleaning.
1G18 Matrix Lug Swaging Tool.
1G7 Matrix Processing.
1G15 Metal Melting Devices.
1G8 Parts.
1G12 Plunger Cleaner.
1G25 Production Recorder.
1G24 Proving Devices.
1G21 Slug Saws.
1G14 Spaceband Cleaner.
1G4 Strip Casters.
1G23 Strip Casting Machine Knurling Attachment.
1G9 Supplies.
1G13 Tabular Systems and Supplies.
1G10 Type Casters.
1G11 Typesetting.
Acme Electric Heating Corp., 97-99 Reading St., Boston 19, Mass.—1G15.
○American Publishers Supply Inc., P.O. Box 421, Lynnfield, Mass. —1G8, 1G9.

○Anchor Chemical Co., 827-837 Bergen St., Brooklyn 38, N. Y. —1G9.
Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind. —1G8, 1G9.
Baltimore Type and Composition Corp., 305 E. 45th St., Baltimore 2, Md.—1G5.
Bar-Rack Company, 595 Reed Ave., Akron 1, O.—1G22.
Casey's, Roger, Newspaper Service Co., 523 S. Fourth St., Minneapolis 15, Minn.—1G19.
Compactor Manufacturing Co., 1610 W. Springfield Ave., Champaign, Ill.—1G8.
Curlesaw, Incorporated, 1725 Maple St., Los Angeles 15, Calif. —1G8.
Dixie Type & Supply Co., Inc., 930 N. Sixth Ave., Birmingham 1, Ala.—1G9, 1G16.
Dixon, Joseph, Crucible Co., 167 Wayne St., Jersey City 3, N. J. —1G9.
Dri-Stain Products Co., 3421 Colfax Ave. A, Denver 6, Colo.—1G7.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.—1G8, 1G9.
Electric Heating Co., 8616 Madison Ave., South Gate, Calif.—1G15.
Electronic Products Div., Post Machinery Co., 150 Elliott St., Beverly, Mass.—1G25.
Ewald, L., Co., 7933 Gloria Ave., Van Nuys, Calif.—1G12.
○Fairchild Graphic Equipment, Div. Fairchild Camera & Instrument Corp., Fairchild Dr., Plainview, L. I., N. Y.—1G1, 1G17.
Fenwal, Incorporated, Pleasant St., Ashland, Mass.—1G15.
○Fisk Industries, 130 W. 46th St., New York 36, N. Y.—1G6, 1G18.
Foster Manufacturing Co., 140 N. 13 St., Philadelphia 7, Pa. —Linecomposing magazine racks.—1G9.
Foto-Graphic Products Co., 2701 —14th Ave. S., Minneapolis, Minn.
Friden, Incorporated, 2350 Washington Ave., San Leandro, Calif.—1G1.
Harteo Manufacturing Co., 224 Meade St., Chester, Pa.—1G14.
Hartzell Machine Works, Market St. and Bethel Rd., Chester, Pa.—1G8, 1G14.
Hiertz, Theo., Metal Co., 8011 Alaska Ave., St. Louis 11, Mo. —1G9.
○Hutzler, Federico K., 1133 Broadway, New York 10, N. Y.—1G4, 1G6, 1G9, 1G12. Spacebands.
Inland Newspaper Machinery Corp., 1720 Cherry St., Kansas City 8, Kans.—1G8.
○Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 1, N. Y.—1G3, 1G5, 1G8, 1G9, 1G16.
L & W Service Co., 501 Bullocks Point Ave., E. Providence, R. I. —1G19.
○Lanston Monotype Co., Div. Lanston Industries, Inc., G St. below Erie Ave., P. O. Box 4768, Philadelphia 34, Pa.—1G1, 1G2, 1G3, 1G4, 1G5, 1G8, 1G9, 1G10, 1G11.
Line-O-Proof Inc., P. O. Box 121, East St. Louis, Ill.—1G24.
Link Paper Co., 45 Cedar Lane, Englewood, N. J.—1G17.
Linotype Maintenance Co., 136 Church St., New York 7, N. Y. —1G8.
Linotype Supply Co., Inc., 8 Beach St., New York 13, N. Y.—1G8, 1G9.
○Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill. —1G2, 1G3, 1G4, 1G5, 1G8, 1G9, 1G13, 1G16.
○Matrix Contrast Corp., 154 W. 14th St., New York 11, N. Y. —1G6, 1G7.
○Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.—1G2, 1G3, 1G4, 1G5, 1G8, 1G9.

Ask your Linotype Production Engineer about the new Linotype
COMET-300
featuring the Mat-Glide System
MERGENTHALER LINOTYPE COMPANY
29 Ryerson Street, Brooklyn 5, New York

Modern Matrix Co., P. O. Box 192, Grantsburg, Wis.—1G19.
Mohr Lino-Saw Co., 8015 N. Ridgeway Ave., Skokie, Ill.—1G21.
○Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 19, Minn.—1G15.
○Montgomery Company, Inc., 406 William St., P. O. Box 309, Towanda, Pa.—1G5, 1G8, 1G9.
Moore, Jack, 560 Eastland Rd., Berea, O.—1G19.
Newton Machine Co., 211 High Ave., Cleveland 15, O.—1G8.
○Paper Manufacturers Co., 9800 Bustleton Ave., Philadelphia 15, Pa.—1G17.
Partlow Corporation, 2 Campion Rd., Hartford, N. Y.—1G8.
Production Monitoring System, Div., Frost Associates, 213 East 25th Street, Baltimore 18, Md.—1G25.
○Radio Corp. of America, Industrial Products Div., Front and Cooper, Camden, N. J.—1G1, 1G17.
Rich & McLean, Inc., 345 Carnegie Ave., Kenilworth, N. J. —1G8, 1G9.
○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.—1G8.
Service Engravers, 692 Broadway, New York 12, N. Y.—1G5, 1G19.
○Shaffstall Equipment, Inc., 1717 Gent Ave., Indianapolis, Ind.—1G1.
Shidler, V. C., Products, 720 Milford St., Glendale 3, Calif.—1G23.
Sossner Steel Stamps, Inc., 161 Grand St., New York 13, N. Y. —1G19.
○Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.—1G5, 1G8, 1G9, 1G18, 1G20.
Typecasting Machine Engineers, Inc., 5847 Lawrence Ave., Chicago 30, Ill.—1G5, 1G6, 1G10.
United American Metals Corp., 2246 W Hubbard St., Chicago 12, Ill.—1G12.
○Universal Mono-Tabular Corp., 715 N. Central Expressway, Richardson, Tex.—1G4, 1G13.
Wiebking Engraving Co., 1133 N. Newport Ave., Chicago 13, Ill.—1G19.

COMPOSING MACHINE FEEDERS AND FEEDING DEVICES
See under Feeders and Feeding Devices 1J.

COMPOSITION FURNITURE
See under Furniture 1L.

COMPOSITOR'S RULE
See under Gauges 1N.

COPY-PROOF CONVEYING SYSTEMS 1QQ
Baldwin, James L., Co., 2726 N. Ashland Ave., Chicago, Ill.
○Jampol Corporation, The, 728—61st St., Brooklyn 20, N. Y.
Lamson Corporation, 250 Lamson St., Syracuse 1, N. Y.
○Novak Company, Inc., The, 118 Waynewood Park, Plainfield, N. J.
Wiretyer Corporation, 65 Lellarts Lane, East Paterson, N. J.

COPY DESKS
See Cabinets, Stands, Type Cases, etc., 1E.

COPY FITTING SYSTEMS
See under Gauges 1N.

CORD RUBBER BELTS (LINECASTING)
See under Belts 1B.

CREASING, CUTTING AND PERFORATING RULE
See under Rule 1X.

CUT CEMENT
See Adhesives 1A.

CUT CLEANING FLUID
See Type Washes 1FF.

CUT LEVELERS
See under Saws, Planers, Saw Sharpeners, 1Z.

CUTTERS, LEAD AND RULE
See Lead and Rule Cutters 1O.

CUTTING, CREASING AND PERFORATING RULE
See under Rule 1X.

D

DATING AND NUMBERING (TYPOGRAPHIC) DEVICES
See Numbering (Typographic) and Dating Devices 1H.

DESKS, COPY
See Cabinets, Stands, Type Cases, etc., 1E.

DESKS FOR FOREMEN
See Cabinets, Stands, Type Cases, etc., 1E.

DIES, RULES FOR MAKING
See under Rule 1X.

DRESSING FOR BELTS
See under Belts 1B.

E

ELROD METAL
See Metal and Metal Flux 1R.

EQUIPMENT FOR SHARPENING SAW-TRIMMERS
See under Saws, Planers, Saw Sharpeners 1Z.

F

FABRICATED BELTS
See under Belts 1B.

FEEDERS AND FEEDING DEVICES FOR COMPOSING MACHINES 1J
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.
Electric Heating Co., 8616 Madison Ave., South Gate, Calif.
○Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 1, N. Y.
Linotype Maintenance Co., 136 Church St., New York 7, N. Y.
Margach Manufacturing Co., Inc., 47 Wooster St., New York 13, N. Y.
○Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
Missouri Central Type Foundry, 705 E. Murdock St., P. O. Box 2066, Wichita 1, Kan.
○Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.
○Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.
Streamline Metal Feeder Co., 116 Walker St., New York 13, N. Y.
United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

FILES AND FILE RACKS
See Cabinets, Stands, Type-cases, etc. 1E.

FILING EQUIPMENT FOR SAWS
See under Saws, Planers, Saw Sharpeners 1Z.

FLUID FOR CLEANING TYPE
See Type Washes 1FF.

FLUORESCENT LIGHTING UNITS
See under Lighting Units 1GG.

FLUX FOR METAL
See Metal and Metal Flux 1R.

FOREMEN'S DESKS
See Cabinets, Stands, Type Cases, etc., 1E.

FORM TRUCKS
See Trucks 1DD.

FOUNDRY TYPE
See under Type 1EE.

FURNACES (REMELTING), PIG MOLDS AND TOOLS 1K
1K1 Furnaces.
1K5 Heat Control.
1K2 Heating Devices.
1K3 Pig Molds.
1K6 Replacement Pots.
1K4 Tools.
Acme Electric Heating Corp., 97-99 Reading St., Boston 19, Mass.—1K2, 1K5.
Bristol Company, The, P.O. Box 1790, Waterbury 20, Conn.—1K5.
Crabtree, R. W., & Sons (Canada) Ltd., 625 Adelaide St., W. Toronto 1, Ontario, Can.—1K1.
Electric Heating Co., 8616 Madison Ave., South Gate, Calif.—1K1, 1K2, 1K3, 1K5, 1K6.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—1K1, 1K3, 1K4.
○Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.—1K1, 1K3, 1K4, 1K5.
Inland Newspaper Machinery Corp., 1720 Cherry St., Kansas City 8, Kan.
○Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 1, N. Y.—1K1, 1K3, 1K4.
○Kemp, The C. M., Mfg. Co., 405 E. Oliver St., Baltimore 2, Md.—1K2.
○Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.—1K1, 1K3, 1K4.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.—1K1, 1K3, 1K4.
Partlow Corporation, 2 Campion Rd., New Hartford, N. Y.—1K5.
Pittsburgh White Metal Co., 13 E. 37th St., New York 16, N. Y.—1K1, 1K3, 1K4.
Selas Corp. of America, Dresher, Pa.—1K1.
Surface Combustion Div. of Midland-Ross Corp., 2375 Dorr St., Toledo 1, O.—1K1.
Tork Time Controls, Inc., 52 McQuesten Parkway, Mt. Vernon, N. Y.—1K5.
United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.—1K1, 1K3.

FURNITURE 1L
1L1 Composition.
1L2 Metal.
1L3 Wood.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—1L2, 1L3.
Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.—1L2.
Barco Type Founders, 64 Wagner, Northlake, Ill.—1L2.
Bauer Alphabets, Inc., 305 E. 45th St., New York 17, N. Y.—1L2.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—1L1, 1L2.

Challenge®
for
HI-SPEED QUOINS
METAL FURNITURE
TYPE-HIGH GAGES
See your local Challenge Dealer

○Chambersburg Lumber Co., College and Scotland Aves., Chambersburg, Pa.—1L3.
○Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.—1L1, 1L2, 1L3.
Irwin Manufacturing Co., Inc., Main St., Garland, Pa.—1L3.
○Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.—1L2.
Perfection Type, Inc., 35 E. Kellog Blvd., St. Paul, Minn.—1L2.
○Zimmer Printers Supply Co., Inc., 72 Beekman St., New York 38, N. Y.—1L3.

G

GALLEYS AND LOCKS 1M
1M1 Galleys.
1M2 Galley Locks.
○American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.—1M1.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—1M1, 1M2.

Challenge®
for
"BLACK BEAUTY" and
STANDARD GALLEYS
GALLEY CABINETS
See your local Challenge Dealer

○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.—1M1, 1M2.
Foster Manufacturing Co., 140 N. 13th St., Philadelphia 7, Pa.—1M1, 1M2.
Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.—1M1.
Petersen Manufacturing Co., 18 Sebago St., Clifton, N. J.—1M1.
Riehl Galley Lock Co., The, 748 E. 82nd St., Cleveland 3, O.—1M2.
Rosback, F. P., Co., 225 Fifth Ave., Benton Harbor, Mich.—1M2.

GALLEY LOCKS
See Galleys 1M.

GAUGES 1N
1N8 Angle.
1N1 Copyfitting.
1N7 Makeup.
1N3 Matrix.
1N4 Micrometer.
1N5 Plate.
1N6 Rules.
1N2 Type High.
Alico, Incorporated, Montague, Mass.—1N2, 1N5.
American Evatype Corp., 749 Osterman Ave., Deerfield, Ill.—1N2, 1N3, 1N4, 1N5.
Atlantic Numbering Machine Co., 47-02 18th Ave., Brooklyn 4, N. Y.—1N2.
Baird, Harry, Corp., 114 W. Kinzie St., Chicago 10, Ill.—1N1.

Challenge®
for
HI-SPEED QUOINS
METAL FURNITURE
TYPE-HIGH GAGES
See your local Challenge Dealer

Brown & Sharpe Mfg. Co., 230 Promenade St., Providence 1, R. I.—1N4, 1N6.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—1N2.
Cobb Shinn, 721 Union St., Indianapolis 25, Ind.—1N1.
Dom, G. C., Supply Co., 424 Commercial Sq., Cincinnati 2, O.—1N6. Inches, picas, agate scales.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.
Economy Novelty & Printing Co., 244 W. 39th St., New York 18, N. Y.—1N2, 1N6.
Elco Typographic Service, 161 Dueber Ave., S.W., Canton 6, O.—1N1.
Empco Manufacturing Co., 929 Atlantic Ave., Atlantic City, N. J.—1N1.
Gaebel, Arthur H., Inc., P.O. Box 3, Larchmont, N. Y.—1N1.
Haberule Company, Wilton, Conn.—1N1.
Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.—1N6.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
○Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 1, N. Y.—1N1.
○Lanston Monotype Co., Div. Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.—1N1, 1N3.
Lee, Arthur B., 22 W. 45th St., New York 36, N. Y.—Copy fitting system, 1N1.
○Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.—1N1.
Nolan Machinery Co., Port St., Pulaski, N. Y.—1N2.
O'Sullivan Composition Co., 491 Broadway, New York 6, N. Y.—1N6.
Pavey, Van R., 305 E. 46th St., New York 17, N. Y.—1N1.
Pittsburgh White Metal Co., 13 E. 37th St., New York 16, N. Y.—1N2.
○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.—1N6.
Shidler, V. C., Products, 720 Milford St., Glendale 3, Calif.—1N8.
Starrett, L. S., Co., Crescent St., Athol, Mass.—1N4.
Testing Machines, Inc., 72 Jericho Turnpike, Mineola, L. I., N. Y.—1N4.
Triumph Equipment Engineers, 6506 Walker St., Minneapolis 26, Minn.—1N2.
○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.—1N2, 1N5, 1N7.

GRINDING EQUIPMENT FOR SAWS
See Saws, Planers, Saw Sharpeners 1Z.

H

HOOKS FOR BASES
See Plate Mounting Systems 1U.

HYDRAULIC FORM FILE
See under Trucks 1DD.

I

IMPOSING TABLES
See Makeup and Storage Tables 1Q.

INDIVIDUAL MOTOR DRIVES
See Motors 1T.

INGOT MOLDS
See Furnaces 1K.

INTERTYPE METAL
See Metal and Metal Flux 1R.

K

KEYBOARDS, KEYBOARD OPERATING UNITS AND TAPE PERFORATORS
See under Composing Machines and Supplies 1G.

KEYS FOR QUOINS
See Chases, Quoins and Lockup Accessories 1F.

L

LEAD AND RULE CASTERS
See under Composing Machines and Supplies 1G.

LEAD AND RULE CUTTERS 1O
O American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.
O American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass.
O Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
Missouri Central Type Foundry, 705 E. Murdock St., P.O. Box 2066, Wichita 1, Kan.
O Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.
O Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.
O Universal Mono-Tabular Corp., 715 N. Central Expressway, Richardson, Tex.

LEATHER BELTS
See under Belts 1B.

LEVELERS FOR BLOCKS
See under Saws, Planers, Saw Sharpeners 1Z.

LIFT TRUCKS FOR FORMS
See under Trucks 1DD.

LIGHTING UNITS 1GG
O General Electric Co., Apparatus Sales Div., One River Road, Schenectady 5, N. Y.
O Lanston Monotype Co., Div. Lanston Industries, Inc., G. St. below Erie Ave., Philadelphia 34, Pa.

LINECASTING MACHINES
See under Composing Machines and Supplies 1G.

LINE GAUGES
See under Gauges 1N.

LINE SLUG ROUTERS
See Routers for Line Slugs 1W.

LINE-UP AND REGISTER TABLES 1P
Bar-Plate Mfg. Co., Inc., Boston Post Rd., Orange, Conn.
Crabtree, R. W., & Sons (Canada) Ltd., 629 Adelaide St., W. Toronto 1, Ontario, Can.
Craftsman Line-Up Table Corp., 49 River St., Waltham 54, Mass.
Gelb, Joseph, Co., 52 Arlington St., Newark 2, N. J.
Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Pittsburgh White Metal Co., 13 E. 37th St., New York 16, N. Y.
O Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.
Taylor Machine Co., 1713 S. Clinton St., Baltimore 24, Md.

LINOTYPE METAL
See Metal and Metal Flux 1R.

LOCKS FOR GALLEYS
See Galleys 1M.

LOCKERS, CLOTHING (STEEL) 100
Equipto, 401 S. Highland, Aurora, Ill.
Lyon Metal Products, Inc., Aurora, Ill.
Penco Division, Alan Wood Steel Co., Oaks, Pa.

LOCK-UP ACCESSORIES, CHASES AND QUOINS
See Chases, Quoins and Lock-up Accessories 1F.

LUDLOW METAL
See Metal and Metal Flux 1R.

M

MACHINIST BENCHES
See Cabinets, Stands, Type Cases, etc., 1E.

MACHINIST TOOLS
See Tools 1CC.

MAKEUP AND COMPOSING RULES
See Sticks and Rules 1AA.

MAKEUP AND STORAGE TABLES 1Q
O American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.
O American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
O Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.
Foster Manufacturing Co., 140 N. 13 St., Philadelphia 7, Pa.
Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.
O Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill.
S & M Mfg. Co., 3155 Verdugo Rd., Los Angeles 65, Calif.
Thompson Cabinet Co., Laura St., Ludington, Mich.
Vermont Marble Co., 61 Main St., Proctor, Vt. Marble imposing surfaces.

MAKEUP TRUCKS
See under Trucks 1DD.

MATERIAL MAKERS
See under Composing Machines and Supplies 1G.

MATRICES, BLACK AND WHITE
See under Composing Machines and Supplies 1G.

MATRICES FOR COMPOSING MACHINES
See under Composing Machines and Supplies 1G.

MATRICES FOR TYPECASTING
See under Composing Machines and Supplies 1G.

MATRIX, CLEANING
See under Composing Machines and Supplies 1G.

MATRIX GAUGES
See under Gauges 1N.

MATRIX PROCESSING
See under Composing Machines and Supplies 1G.

METAL AND METAL FLUX 1R
American Solder & Flux Co., 19th & Willard Sts., Philadelphia 40, Pa.
Federated Metals Div., American Smelting and Refining Co., 120 Broadway, New York 5, N. Y.
Hiertz, Theo., Metal Co., 8011 Alaska Ave., St. Louis 11, Mo.
O Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.; 50 Church St., New York 7, N. Y.
Indiana Chemical & Mfg. Co., 624 E. Walnut St., Indianapolis 4, Ind.
Midwest Printers Supply, 1209 Sycamore, Cincinnati 10, O.
National Lead Co., 111 Broadway, New York 6, N. Y.
Pittsburgh White Metal Co., 13 E. 37th St., New York 16, N. Y.
Somerset Type Metal Co., 1220 Pennsylvania Ave., San Francisco 7, Calif.
United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

METAL FLUX
See Metal and Metal Flux 1R.

METAL FURNITURE
See under Furniture 1L.

METAL STRIP RULE
See under Rule 1X.

METAL TEMPERATURE INDICATORS
See Thermometers and Pyrometers 1BB.

METAL TRUCKS
See under Trucks 1DD.

MICROMETERS FOR COMPOSING ROOM USE
See under Gauges 1N.

MITERING MACHINES 1S
O American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.
Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass.
O Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.

MONOTYPE METAL
See Metal and Metal Flux 1R.

MOTORS 1T
O General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
O Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 1, N. Y.
O Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
Northwestern Electric Co., 1750 N. Springfield Ave., Chicago 47, Ill.
Reid, William, Co., 2271 Clybourn Ave., Chicago 14, Ill.
Reliance Electric & Engineering Co., 24701 Euclid Ave., Cleveland 17, O.
O Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.
Tri-Par Controls, 9353 Seymour Ave., Schiller Park, Ill.
U. S. Electrical Motors, Inc., Los Angeles 54, Calif.

MOUNTING SYSTEMS FOR PLATES
See Plate Mounting Systems 1U.

N

NEWSPAPER BINDERS
See Binders for Newspapers 1C.

NUMBERING (TYPOGRAPHIC) AND DATING DEVICES 1H
American Numbering Machine Co., Atlantic and Shepherd Aves., Brooklyn 8, N. Y.
O American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Ameurope, Incorporated, 1199 Broadway, New York 1, N. Y.
Arnold Numbering Machine Works, 434 S. Wabash, Chicago 5, Ill.
O Atlantic Numbering Machine Co., 4702 18th Ave., Brooklyn, N. Y.
Atlas Numbering Machine Service, 270 Lafayette St., New York 12, N. Y.
O Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.
O Force, Wm. A., & Co., Inc., 216 Nichols Ave., Brooklyn 8, N. Y.
Hickok, W. O., Mfg. Co., Ninth and Cumberland Sts., Harrisburg, Pa.
National Numbering Machine Co., Inc., 42-25 Ninth St., Long Island City 1, N. Y.
Redington, F. B., Co., 3000 St. Charles Rd., Bellwood, Ill.
O Roberts Numbering Machine Div. Heller Roberts Mfg. Corp., 700 Jamaica Ave., Brooklyn 8, N. Y.
O Wetter Numbering Machine Co., Div. New Era Mfg. Co., P.O. Box 400, 233 Central Ave., Hawthorne, N. J.

O

OILY WASTE CANS
See Safety Cans 1Y.

P

PARTS FOR COMPOSING MACHINES
See under Composing Machines and Supplies 1G.

PARTS REBUILDING 1MM
Hartzell Machine Works, Market St. and Bethel Rd., Chester, Pa.
O Lanston Monotype Co., Div. Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.
O Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
O Montgomery Company, Inc., 406 William St., P.O. Box 309, Towanda, Pa.
O Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.

PERFORATING, CUTTING AND CREASING RULE
See under Rule 1X.

PERFORATORS FOR KEYBOARD TAPE
See under Composing Machines and Supplies 1G.

PHOTOTYPESETTING MACHINES
See Offset 2D46.

MOLDS FOR PIGS, REMELTING FURNACES AND TOOLS
See Furnaces (Remelting), Pig Molds and Tools 1K.

PICA GAUGES
See under Gauges 1N.

PIG MOLDS, REMELTING FURNACES AND TOOLS
See Furnaces (Remelting), Pig Molds and Tools 1K.

PLANERS
See Saws, Planers, Saw Sharpeners 1Z.

PLATE GAUGES
See under Gauges 1N.

PLATE MOUNTING SYSTEMS 1U
1U3 Cleaning Outfits.
1U7 Laminated Plastic Base
1U6 Light Weight Base.
1U5 One-Piece.
1U1 Sectional.
1U2 Tools.
1U4 Type Metal Base.
O American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.
O American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
O Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—1U5.
O Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.
Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.—1U1, 1U2.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.—1U5. Synthetic base.
O Lanston Monotype Co., Div. Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.—1U4.
O Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill.—1U4.
Midwest Publishers Supply Co., 4500 W. Cermak Rd., Chicago 23, Ill.—1U7.
O Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.—1U5, 1U6.
Moore, Jack, 560 Eastland Rd., Berea, O.—1U6.
National Lead Co., 111 Broadway, New York 6, N. Y.—1U1, 1U2, 1U5.
National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7, Ill.—Mounting press, without tape or nails.
O Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.—1U1, 1U2.
O Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.—1U1.
Unique Steel Block Co., Inc., 304 Chemung St., Waverly, N. Y.—1U1, 1U2.
O Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.—1U4.
O Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—1U1, 1U2.

PLATE PROOFING PRESSES
See under Presses 1V.

PORTABLE CLEANING BLOWERS
See Blowers (Portable Cleaning) 1D.

PRE-MAKEREADY BLOCK LEVELERS
See under Saws, Planers, Saw Sharpeners 1Z.

PRE-MAKEREADY PROCESS 1TT
Minnesota Mining and Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.
O Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.

PRESSES 1V
1V4 Printing Pressure Gauge.
1V1 Proofing.
1V3 Rotary.
1V2 Testing.
O American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Atlantic Numbering Machine Co., 47-02 18th Ave., Brooklyn 4, N. Y.—1V1.
O Capital Tool & Mfg. Co., 5000 Calvert Rd., College Park, Md.—1V3.

○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—1V1.

Challenge®
for
PROOF PRESSES
See your local Challenge Dealer

Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.—1V1, 1V2.
Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O.—1V3.
○Hoe, R., & Co., 910 E. 138th St., New York 54, N. Y.—1V1.
Huck Company, 72 W. 45th St., New York 36, N. Y.—1V4.
Mosstype Corporation, 150 Franklin Turnpike, Waldwick, N. J.—1V1.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.—1V1.
Printing Plate Supply Co., 561 W. Washington St., Chicago 6, Ill.—1V3.
Triumph Equipment Engineers, 6506 Walker St., Minneapolis 26, Minn.—1V1.
○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.—1V1, 1V2.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—1V1.

PROOF DRIERS 1RR
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.

Challenge®
for
PROOF DRYERS
See your local Challenge Dealer

Doyle, The J. E., Co., 1220 W. Sixth St., Cleveland 13, O.
Esrever Distributors, 1037 W. 22nd St., Los Angeles 7, Calif.
○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.

PROOFING AND TESTING PRESSES
See under Presses 1V.

PROOFING SYSTEMS FOR REPRODUCTION
See under Reproduction Proofing 1LL.

PROOFS, REPRODUCTION
See under Reproduction Proofing 1LL.

PUNCHES, PRESS 1KK
○Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.
Triumph Equipment Engineers, 6506 Walker St., Minneapolis 26, Minn.

PYROMETERS AND THERMOMETERS
See Thermometers and Pyrometers 1BB.

Q

QUOIN KEYS
See Chases, Quoins and Lock-up Accessories 1F.

QUOINS, CHASES AND LOCK-UP ACCESSORIES
See Chases, Quoins and Lock-up Accessories 1F.

R

REGISTER AND LINE-UP TABLES
See Line-up and Register Tables 1P.

REGLET
See under Furniture 1L.

REMELTING FURNACES, PIG MOLDS AND TOOLS
See Furnaces (Remelting), Pig Molds and Tools 1K.

REPRODUCTION PROOFING 1LL
1LL7 Coater.
1LL6 Drier.
1LL1 Mounting Equipment.
1LL2 Photomechanical.
1LL3 Relief.
1LL4 Proof Stock.
1LL4.1 Special.
1LL4.2 Transparent.
1LL5 Wax.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—1LL2.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—1LL3.
Doyle, The J. E., Co., 1220 W. Sixth St., Cleveland 13, O.—1LL6.
Esrever Distributors, 1037 W. 22nd St., Los Angeles 7, Calif.—1LL6.
Glyco Chemicals, Div. Chas. L. Huisking & Co., Inc., 417 Fifth Ave., New York 16, N. Y.—1LL5.
Graphic Arts Research Foundation, 112 W. Kinzie St., Chicago 10, Ill.—1LL2, 1LL4.2.
Haloid Xerox, Inc., 2 Haloid St., Rochester 3, N. Y.—1LL2.
National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7, Ill.—1LL4.
Ozalid Division, General Aniline & Film Corp., Ansco Rd., Johnson City, N. Y.—1LL2.
Roscoe Laboratories, 29 Moore St., Brooklyn 6, N. Y.—1LL4.2.
Schaefer Machine Co., Inc., 145 Front St., Bridgeport 6, Conn. 1LL7.
Transilwrap Company, 4427 N. Clark St., Chicago 47, Ill.—1LL4.2.
○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.—1LL1, 1LL3.
Warren, S. D., Co., 89 Broad St., Boston 1, Mass.—1LL4.1.

ROUTERS FOR LINE SLUGS 1W
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.
○Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.
Margach Manufacturing Co., Inc., 47 Wooster St., New York 13, N. Y.
○Morrison Company, The, 125 W. Melvina St., Milwaukee 12, Wis.
○Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.
Royle, John, & Sons, 10 Essex St., Paterson 3, N. J.

RULE 1X
1X1 Brass.
1X3 Cutting, Creasing and Perforating Rule.
1X2 Type Metal Strip.
1X4 Zinc Face Wood Rule.
○American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.—1X1, 1X3.
○American Wood Type Mfg. Co., 42-25 Ninth St., Long Island City 1, N. Y.
Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.—1X1.
Baltimore Type and Composition Corp., 305 East 45th St., Baltimore 2, Md.—1X2.
Boyd, H. S., Co., 6915 E. 14th St., Tulsa, Okla.—1X3.
Hamilton Manufacturing Co., 1316 18th St., Two Rivers, Wis.—1X4.
Irwin Manufacturing Co., Inc., Main St., Garland, Pa.
Judson Type, Inc., 151 W. 23rd St., New York 11, N. Y.—1X.
Los Angeles Type Founders, Inc., 225 E. Pico Blvd., Los Angeles 15, Calif.—1X2.
Mendez Company, 30 Beekman St., New York 38, N. Y.—1X1, 1X2, 1X3.
Missouri Central Type Foundry, 705 E. Murdock St., P.O. Box 2066, Wichita 1, Kan.
○Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.—1X3.
Simonds Saw and Steel Co., 470 Main St., Fitchburg, Mass.—1X3.
Somerset Type Metal Co., 1220 Pennsylvania Ave., San Francisco 7, Calif.—1X1, 1X2.
Stripfounders, Incorporated, 2739 W. 139th St., Posen, Ill.—1X2.
Taylor Made Rule Co., 65 Flatbush Ave., Brooklyn 17, N. Y.—1X1, 1X3.
United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.—1X2.
○Zimmer Printers Supply Co., Inc., 72 Beekman St., New York 38, N. Y.—1X1, 1X3.

RULE AND LEAD CUTTERS
See Lead and Rule Cutters 1O.

RULE CASTERS
See under Composing Machines and Supplies 1G.

RULE FOR DIES
See under Rule 1X.

RULES, COMPOSING AND MAKEUP
See Sticks and Rules 1AA.

RULES FOR COMPOSITORS
See under Gauges 1N.

S

SAFETY CANS 1Y
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
○Eagle Manufacturing Co., Wellsburg, W. Va.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.
Justrite Manufacturing Co., 2061 N. Southport Ave., Chicago 14, Ill.
Protectoseal Company, 1920 S. Western Ave., Chicago 8, Ill.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

SAWS, PLANERS, SAW SHARPENERS 1Z
1Z7 Band Saws.
1Z1 Planers.
1Z6 Saw Blades.
1Z2 Saw Sharpeners.
1Z3 Saw Sharpening Service.
1Z4 Saw Trimmers.
1Z5 Swaging Machines.
○American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.—1Z1, 1Z2, 1Z3, 1Z4.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—1Z1, 1Z4, 1Z6.
American Wood Products & Tool Supply, 705 Montclaire Ave., Edwardsville, Ill.—1Z6.
Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind.—1Z3, 1Z6.
Brett Guard Corp., 456 Nordhoff Place, Englewood, N. J.—Saw guard.
Chapman Knives & Saws, Inc., 4040 Clayton, St. Louis 10, Mo.—1Z3, 1Z6.
Gay-Lee Company, 71 W. Fourteen Mile Rd., Clawson, Mich.—1Z6.
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—1Z4.
○Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.—1Z1, 1Z2, 1Z4, 1Z6.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—1Z2.
Missouri Central Type Foundry, 705 E. Murdock St., P.O. Box 2066, Wichita 1, Kan.—1Z4.
Mohr Lino-Saw Co., 8015 N. Ridgeway Ave., Skokie, Ill.—Linecomposing machine saw.
○Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.—1Z4.
○Morrison Company, The, 125 W. Melvina St., Milwaukee 12, Wis.—1Z1, 1Z4, 1Z6.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.—1Z4.
North American Products Corp., 707 Bartley St., Jasper, Ind.—1Z3, 1Z6.
○Pate Company, 6124 N. Pulaski Rd., Chicago 46, Ill.
○Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.—1Z4.
○Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.—1Z1, 1Z4.
○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.—1Z4, 1Z7.
Royle, John, & Sons, 10 Essex St., Paterson 3, N. J.—1Z4.
Saw and Knife Specialty Co., 6526 Carnegie Ave., Cleveland 3, O.—1Z3, 1Z6.
Sharp Tool Service Co., 5401 W. Lake St., Chicago 44, Ill.—1Z3.
Simonds Saw and Steel Co., 470 Main St., Fitchburg, Mass.—1Z6.
Super Speed Printing Machinery, Inc., 742 Sherman St., Chicago 5, Ill.—1Z4.
Tesch Manufacturing Co., 2121 N. Drew St., Appleton, Wis.—1Z2, 1Z4, 1Z5.
Treyco Products Co., 149 Longmeadow Rd., Buffalo 26, N. Y.—1Z2, 1Z3.
Triumph Equipment Engineers, 6506 Walker St., Minneapolis 26, Minn.—1Z4.
Wardwell Manufacturing Co., 3805 Ridge Rd., Cleveland 9, O.—1Z2.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.
Westcott & Thomson, 1027 Arch St., Philadelphia 5, Pa.

SAW FILING EQUIPMENT
See under Saws, Planers, Saw Sharpeners, 1Z.

SAW GRINDERS
See under Saws, Planers, Saw Sharpeners, 1Z.

SAW SHARPENERS FOR SAW TRIMMERS
See under Saws, Planers, Saw Sharpeners, 1Z.

SAW TRIMMERS AND SHARPENING EQUIPMENT
See under Saws, Planers, Saw Sharpeners, 1Z.

SLUG CALIPERS
See under Gauges 1N.

SLUG ROUTERS
See Routers for Line Slugs 1W.

SLUG MODIFYING MACHINES 1JJ
1JJ2 Slug Plate Thickness Cutter.
1JJ1 Slug Profiler.
1JJ3 Slug Surfacer.
1JJ4 Type Screener.
○Capital Tool & Mfg. Co., 5000 Calvert Rd., College Park, Md.—1JJ4.
Curlesaw, Incorporated, 1725 Maple St., Los Angeles 15, Calif.—1JJ1, 1JJ2, 1JJ3.
○Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill.—1JJ2, 1JJ3.
○Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.—1JJ3.
○Morrison Company, The, 125 W. Melvina St., Milwaukee, Wis.—1JJ2.

SPACEBAND POLISHING MACHINES
See Composing Machines and Supplies 1G.

STANDS, CABINETS, TYPE CASES, ETC.
See Cabinets, Stands, Type Cases, etc. 1E.

STEEL NEWSPAPER HEADS 1HH
Moore, Jack, 560 Eastland Rd., Berea, O.
Bossner Steel Stamps, Inc., 161 Grand St., New York 13, N. Y.

STEEL TYPE
See under Type 1EE.

STICKS AND RULES (COMPOSING AND MAKEUP) 1AA
○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.
Somerset Type Metal Co., 1220 Pennsylvania Ave., San Francisco 7, Calif.

STICKS, COMPOSING
See Sticks and Rules 1AA.

STORAGE AND MAKEUP TABLES
See Makeup and Storage Tables 1Q.

STRIP CASTERS
See under Composing Machines and Supplies 1G.

STRIP METAL RULE
See under Rule 1X.

SUPPLIES FOR COMPOSING MACHINES
See under Composing Machines and Supplies 1G.

SYSTEMS FOR FITTING COPY
See under Gauges 1N.

SYSTEMS FOR PLATE MOUNTING
See Plate Mounting Systems 1U.

SYSTEMS, TABULAR
See under Composing Machines and Supplies 1G.

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TABLES, LINE-UP AND REGISTER
See Line-up and Register Tables 1P.

TABLES, MAKEUP AND STORAGE
See Makeup and Storage Tables 1Q.

TABULAR SYSTEMS
See under Composing Machines and Supplies 1G.

TAPE PERFORATORS FOR COMPOSING MACHINES
See under Composing Machines and Supplies 1G.

TEMPERATURE INDICATOR FOR METAL
See Thermometers and Pyrometers 1BB.

TESTING AND PROOFING PRESSES
See under Presses 1V.

THERMOMETERS AND PYROMETERS 1BB
Bristol Company, The, P.O. Box 1790, Waterbury 20, Conn.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.
Fenwal, Incorporated, Pleasant St., Ashland, Mass.
Illinois Testing Laboratories, Inc., 420 N. LaSalle St., Chicago 10, Ill.
○Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.
Partlow Corporation, 2 Campion Rd., New Hartford, N. Y.
Precision Thermometer & Instrument Co., 1434 Brandywine St., Philadelphia 30, Pa.
Pyrometer Instrument Co., Inc., 92 Portland St., Bergenfield, N. J.
Somerset Type Metal Co., 1220 Pennsylvania Ave., San Francisco 7, Calif.
Sticht, Herman H., Co., Inc., 27 Park Pl., New York 7, N. Y.
Weston Instruments, Sub. of Daystrom, Inc., 614 Frelinghuysen Ave., Newark 12, N. J.

TIME CLOCKS, RECORDERS
See Miscellaneous 8J.

TOOLS FOR REMELTING METAL
See Furnaces (Remelting), Pig Molds and Tools 1K.

TOOLS (MACHINIST) 1CC
Brown & Sharpe Mfg. Co., 230 Promenade St., Providence 1, R. I.
Casey's, Roger, Newspaper Service Co., 523 S. Fourth St., Minneapolis 15, Minn.
○Fisk Industries, 130 W. 46th St., New York 36, N. Y.
○Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.
Starrett, L. S., Co., Crescent St., Athol, Mass.
Testing Machines, Inc., 72 Jericho Turnpike, Mineola, L. I., N. Y.

TRUCKS 1DD
1DD5 Form.
1DD1 Form File.
1DD2 Form Lift.
1DD3 Makeup.
1DD4 Metal.
○American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.—1DD1, 1DD2, 1DD3, 1DD4, 1DD5.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Angle Steel, Inc., 169 Acorn St., Plainwell, Mich.—1DD4.
Beard Newsprint & Warehouse Co., Inc., 8761 Fulton St., Detroit 9, Mich.—1DD5.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.
Fairbanks Company, The, 393 Lafayette St., New York 3, N. Y.—1DD5.
Foster Manufacturing Co., 140 N. 13th St., Philadelphia 7, Pa.—1DD3.
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—1DD3.
Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.—1DD1, 1DD2, 1DD3, 1DD4, 1DD5.
Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.—1DD2.
Moore, Jack, 560 Eastland Rd., Berea, O.—1DD2, 1DD3.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.—1DD2, 1DD4, 1DD5.
Nolan Machinery Co., Port St., Pulaski, N. Y.—1DD3.
Revolvator Company, Tonnele Ave., North Bergen, N. J.—1DD2.
○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.—1DD5.
○Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.—1DD1, 1DD2, 1DD5.
Thompson Cabinet Co., Laura St., Ludington, Mich.—1DD3, 1DD4, 1DD5.
United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.—1DD4.
Webb Machine Works, 1314 Hoadley St., Shreveport, La.—1DD4.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—1DD5.
Yale & Towne Mfg. Co., 11000 Roosevelt Blvd., Philadelphia 15, Pa.—1DD2.

TWEEZERS 1NN
Atlantic Numbering Machine Co., 47-02 18th Ave., Brooklyn 4, N. Y.
Hackensack Specialty Mfg. Co., The, 200 Atlantic St., Hackensack, N. J.

TYPE 1EE
1EE1 Aluminum.
1EE2 Borders.
1EE3 Brass.
1EE4 Casting Machine Matrix.
1EE5 Foundry.
1EE9 Multigraph.
1EE6 Steel.
1EE8 Thin Spaces.
1EE7 Wood.
Abrams, The M. L., Co., 1841 Prospect Ave., Cleveland 15, O.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N J.—1EE2, 1EE5, 1EE7, 1EE8.
○American Wood Type Mfg. Co., 42-25 Ninth St., Long Island City 1, N. Y.—1EE2, 1EE7.
Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.—1EE5.
Baltimore Type and Composition Corp., 305 East 45th St., Baltimore 2, Md.—1EE2, 1EE5.
Barco Type Founders, 64 Wagner, Northlake, Ill.—1EE2, 1EE5.
Bauer Alphabets, Inc., 305 E. 45th St., New York 17, N. Y.—1EE5.
Central Trade Plant of Grand Rapids, 15 Lyon St., N. E., Grand Rapids 2, Mich.—1EE5.
Empire Type Foundry, 55 N. Main St., Delevan, N. Y.—1EE2, 1EE5.
Franklin Manufacturing Corp., 692 Pleasant St., Norwood, Mass.—1EE5.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.—1EE3.
Grauert, Ralph W., Inc., 100 Gold St., New York 38, N. Y.—1EE3.
Halvorfold Kwikprint Co., 700 E. Union St., Jacksonville, Fla.—1EE3.
○Hamilton Manufacturing Co., 1316 18th St., Two Rivers, Wis.—1EE7.
Jacobs, Louis R., 2546 S. Phillip St., Philadelphia 48, Pa.—1EE8.
Johnson, Joseph E., Co., 610 Atlantic Ave., Brooklyn 17, N. Y.—1EE3, 1EE6.
Judson Type, Inc., 151 W. 23rd St., New York 11, N. Y.—1EE5.
Kelsey, W. A., Co., 45 Crown St., Meriden, Conn.—1EE5.
L & W Service Co., 501 Bullocks Point Ave., East Providence, R. I.—1EE9.
Los Angeles Type Founders, Inc., 225 E. Pico Blvd., Los Angeles 15, Calif.—1EE2, 1EE5, 1EE8.
Mendez Company, 30 Beekman St., New York 38, N. Y.—1EE2, 1EE8.
Midwest Printers Supply, 1209 Sycamore, Cincinnati 10, O.
Missouri Central Type Foundry, 705 E. Murdock St., P.O. Box 2066, Wichita 1, Kan.—1EE2, 1EE5.
OlsenMark Corporation, 124 White St., New York 13, N. Y.—1EE3, 1EE6.
Perfection Type, Inc., 35 E. Kellog Blvd., St. Paul, Minn.—1EE1, 1EE2, 1EE5, 1EE7.
Simplex Gold Stamping Press Co., 1083 E. 52nd St., New York 36, N. Y.—1EE3.
Somerset Type Metal Co., 1220 Pennsylvania Ave., San Francisco 7, Calif.—1EE2.
Sossner Steel Stamps, Inc., 161 Grand St., New York 13, N. Y.—1EE6.
Sterling Type Foundry, Charlotte, Mich.—1EE2, 1EE5.
Taylor Made Rule Co., 65 Flatbush Ave., Brooklyn 17, N. Y.—1EE2.
Typecasting Machine Engineers, Inc., 5847 W. Lawrence Ave., Chicago 30, Ill.—1EE5.
Typefounders, Incorporated, 1006 W. Madison St., P.O. Box 11313, Phoenix, Ariz.—1EE5.
Wynn Manufacturing Co., Seventh and Green Sts., Philadelphia 23, Pa.—1EE5.

TYPE CALIPERS
See under Gauges, 1N.

TYPE CASES, CABINETS, STANDS, etc.
See Cabinets, Stands, Type Cases etc., 1E.

TYPE CASTERS
See Composing Machines and Supplies 1G.

TYPE-HIGH GAUGES
See under Gauges 1N.

TYPESETTING EQUIPMENT AND SUPPLIES
See under Composing Machines and Supplies 1G.

TYPESETTING AND TYPE-CASTING MACHINES
See Composing Machines and Supplies 1G.

TYPE TIEUP 1UU
H & M Taping Div., 645 N. Sumner Ave., Scranton, Pa.
Riehl Galley Lock Co., The, 748 E. 82nd St., Cleveland 3, O.

TYPE WASH CANS
See Safety Cans 1Y.

TYPE WASHES 1FF
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
Bingham's, Sam'l, Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.

California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
Chalmers Chemical Co., 123 Chestnut St., Newark 5, N. J.

Du Pont, E. I., de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.
Duryea Products Co., Inc., 168 Rockland Ave., Woonsocket, R. I.
Godfrey Roller Co., 211 N. Camac St., Philadelphia 7, Pa.
Inco Company, The, 2372 W. Seventh St., Cleveland 13, O.
Indiana Chemical & Mfg. Co., 624 E. Walnut St., Indianapolis 4, Ind.
Recht, William, Co., Inc., 50 Church St., New York 7, N. Y.
Rogers, Harry H., Co., Inc., 5331 S. Cicero Ave., Chicago 32, Ill.
○Tri-Q, Incorporated, 1911 Penn Ave., El Monte, Calif.

TYPEWRITERS, JUSTIFYING
See Offset, Typewriters 2D49.

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WASHES FOR TYPE
See Type Washes 1FF.

WASTE CANS
See Safety Cans 1Y.

WIPER CANS
See Safety Cans 1Y.

WIPING CLOTHS
See Pressroom, Wiping Cloths 5VV.

WOOD FURNITURE
See under Furniture 1L.

WOOD TYPE
See under Type 1EE.

Printing Production Filing System

2A — Electrotyping Index

HOW TO USE THIS INDEX—This Electrotyping Index is comprised of two parts. At left is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically. Products may be found by alphabetical reference in the Key. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

○Indicates advertiser. See Advertisers' Index, Pages B-C-D.

KEY FOR ELECTROTYPING INDEX

2A13 Centrifugal Casting Process
2A20 Curved and Flat Finishing Tools
2A1 Direct Pressure Presses
2A10 Electro Plating Equipment
2A2 Equipment and Supplies
2A3 Gauges and Testing Instruments
2A9 Metal, Backing
2A4 Molding Medium
2A5 Motors and Controls
2A17 Plate Casters
2A16 Plate Curving
2A21 Plate Laminating Machine
2A6 Plate Mounting and Materials
2A23 Plate Scarfing
2A18 Plate Shavers
2A19 Pre-makeready Process
2A7 Precision Proof Presses
2A8 Register Systems
2A15 Routers
2A15.1 Flat
2A15.2 Curved
2A14 Routing Bits
2A22 Saddles for Plates
2A11 Saws and Trimmers
2A12 Timers, Automatic

○Alico, Incorporated, Montague, Mass.—2A3.
American Wood Products & Tool Supply, 705 Montclaire Ave., Edwardsville, Ill.—2A11.
Anaconda American Brass Co., 414 Meadow St., Waterbury 20, Conn.—2A2.
Atlantic Numbering Machine Co., 47-02 18th Ave., Brooklyn 4, N. Y.—2A3.
Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind.—2A11, 2A15.
Bishop Stansell Co., P.O. Box 35, W. Carrollton, O.—2A16, 2A17, 2A19.
Brett Guard Co., 456 Nordhoff Pl., Englewood, N. J.
Bristol Company, The, P.O. Box 1790, Waterbury 20, Conn.—2A3, 2A12.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2A2.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—2A6, 2A7.

Challenge®
for
PROOF PRESSES
See your local Challenge Dealer

○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.—2A2, 2A4, 2A6.
Cottrell Company, The, Sub. Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.—2A3, 2A7, 2A8, 2A16, 2A20, 2A23.
Cramer Controls Corp., 100 Saybrook Rd., Centerbrook, Conn.—2A12.
○Cutler-Hammer, Incorporated, 315 N. 12th St., Milwaukee 1, Wis.—2A5.
Dixon, Joseph, Crucible Co., 167 Wayne St., Jersey City 3, N. J.—2A2.
DoAll Company, The, 254 N. Laurel Ave., Des Plaines, Ill.—2A11.
Dom, G. C., Supply Co., 424 Commercial Sq., Cincinnati 2, O.—2A2.
Doven Division, Appleton Machine Co., 618 S. Oneida St., P.O. Box 468, Appleton, Wis.—2A6.
Eccles Saw & Tool Co., Inc., 3235 Enyart Ave., Cincinnati 9, Ohio.—2A11.
Empire Type Foundry, 55 N. Main St., Delevan, N. Y.—2A2.
Federated Metals Div., American Smelting and Refining Co., 120 Broadway, New York 5, N. Y.—2A9. Electrotype metal, electrotype foils, copper anodes.
Gay-Lee Company, 71 W. Fourteen Mile Rd., Clawson, Mich.—2A11, 2A14.
○General Electric Co., Apparatus Sales Div., One River Road, Schenectady 5, N. Y.—2A5.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.—2A15.1.
Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.—2A2.
○Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.—2A11.
Hanson-Van Winkle-Munning Co., 100 Church St., Matawan, N. J.,—2A10.
○Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa.—2A2.
Hiertz, Theo., Metal Co., 8011 Alaska Ave., St. Louis 11, Mo.—2A9.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—2A1, 2A2, 2A3, 2A8, 2A11, 2A16.
Huck Company, 72 W. 45th St., New York 36, N. Y.—2A18.
Illinois Testing Laboratories, Inc., 420 N. LaSalle St., Chicago 10, Ill.—2A3.
○Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.; 50 Church St., New York 7, N. Y.—2A9.
Irwin Manufacturing Co., Inc., Main St., Garland, Pa.—2A6.
Korn, Henry P., Associated, Inc., 5 Beekman St., New York 38, N. Y.—2A15.
Lake Erie Machinery Corp., P.O. Box 68, Kenmore Sta., Buffalo 17, N. Y.—2A1.
Lake Shore Electrotype Div., Electrographic Corp., 1224 W. Van Buren St., Chicago 7, Ill.—2A17.
○Lanston Monotype Co., Div. Lanston Industries, Inc., G St. below Erie Ave., Philadelphia 34, Pa.—2A6.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.—2A19. Adhesive two side, mounting film.
○Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.—2A1, 2A6, 2A11, 2A17, 2A18.
○Morrison Company, The, 125 W. Melvina St., Milwaukee 12, Wis.—2A14.
Munning & Munning, Inc., 202 Emmet St., Newark 5, N. J.—2A2, 2A10.
National Lead Co., 111 Broadway, New York 6, N. Y.—2A6, 2A9.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.—2A2, 2A11.
North American Products Corp., 707 Bartley St., Jasper, Ind.—2A11. Saw Blades.
Northwestern Electric Co., 1750 N. Springfield Ave., Chicago 47, Ill.—2A5.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.—2A1, 2A2, 2A10, 2A11, 2A15.2, 2A16.
Permacel, U. S. Highway No. 1, New Brunswick, N. J.—2A6.
○Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.—2A2, 2A3.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2A3, 2A9, 2A11, 2A14.
Pittsburgh White Metal Co., 13 E. 37th St., New York 16, N. Y.—2A9.
Preneo Engineering Corp., 6435 N. Central Ave., Chicago 46, Ill.—2A10.
○Printing Machinery Co., 436 Commercial Sq., Cincinnati 2, O.—2A23.
Printing Plate Supply Co., 561 W. Washington St., Chicago 6, Ill.—2A2, 2A4, 2A6, 2A7, 2A8, 2A13, 2A15, 2A16, 2A17, 2A18, 2A20, 2A21.
Quality Engraving & Electrotype Co., The, 436 Commercial Sq., Cincinnati 2, O. Flat and curved duplicate letterpress plates.
Regan Industries, Inc., Graphic Arts Equipment Div., 1720 Marco Polo Way, Burlingame, Calif.—2A16.
Reilly Electrotype Co., Div. of Electrographic Corp., 305 E. 45th St., New York 17, N. Y.—2A19.
Reliance Electric & Engineering Co., 24701 Euclid Ave., Cleveland 17, O.—2A5.
Revere Copper and Brass, Inc., 230 Park Ave., New York 17, N. Y.—2A2. Copper anodes.
○Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.—2A11, 2A15.2.
○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.—2A6, 2A11.
Royle, John, & Sons, 10 Essex St., Paterson 3, N. J.—2A11, 2A15.1.
Sharp Tool Service Co., 5401 W. Lake St., Chicago 44, Ill.—2A11.
Simonds Saw and Steel Co., 470 Main St., Fitchburg, Mass.—2A11.
○Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.—2A2, 2A18.
Tarpley, Geo., Co., P.O. Box 245, Chesterland, O.—2A14.
Taylor Instrument Companies, 95 Ames St., Rochester 1, N. Y.—2A3.
Taylor Machine Co., 1713 S. Clinton St., Baltimore 24, Md.—2A8.
Tenak Products Co., 2615 N. Paulina St., Chicago 14, Ill.—2A4, 2A6.
Tesch Manufacturing Co., 2121 N. Drew St., Appleton, Wis.—2A11.
Thompson Cabinet Co., Laura St., Ludington, Mich.—2A2.
Tolerton Company, 265 N. Freedom Ave., Alliance, O.—2A6.
Triumph Equipment Engineers, 6506 Walker St., Minneapolis 26, Minn.—2A11.
Unique Steel Block Co., Inc., 304 Chemung St., Waverly, N. Y.—2A6.
United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.—2A2, 2A9.
U. S. Electrical Motors, Inc., Los Angeles 54, Calif.—2A5.
○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.—2A3, 2A6, 2A7, 2A19.
Wells Manufacturing Co., 1701 S. Main St., South Bend 23, Ind.—2A6.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2A6, 2A11, 2A15.1, 2A23.
Wescott & Thomson, Inc., 1027 Arch St., Philadelphia 5, Pa.—2A2.
Weston Instruments, Sub. of Daystrom, Inc., 614 Frelinghuysen Ave., Newark 12, N. J.—2A3.
○Williamson & Company, Inc., P.O. Box 71, Caldwell, N. J.—2A1, 2A4.

Printing Production Filing System

2B—Gravure Index

HOW TO USE THIS INDEX—This Gravure Index is comprised of two parts. Immediately below is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically, and includes a cross-index of equipment and supplies. Products may be found by alphabetical reference either in the Key or in the Main Index. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

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2B23 Blankets

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- 2B2.2 Cameras
- 2B2.3 Color Filters
- 2B2.4 Diaphragms
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2B3 Chemicals

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- 2B19.1 Cylinder Table

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GRAVURE EQUIPMENT AND SUPPLIES MAIN AND CROSS-INDEX

O Indicates advertiser. See Advertisers' Index Pages B-C-D

A

AIR BRUSHES 2B24

California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.

OChemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.

Paasche Airbrush Co., 1909 Diversey Parkway, Chicago 14, Ill.

Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.

AIR CONDITIONING

See Miscellaneous 8A.

B

BLADES, DOCTOR

See Doctor Blades 2B6.

BLANKETS, 2B23

OCorkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.

United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.

BRUSHES, AIR

See Air Brushes 2B24.

C

CABINETS, RACKS, STANDS 2B1

OAmerican Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

OChemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

Equipto, 401 S. Highland, Aurora, Ill.

Foster Manufacturing Co., 140 N. 13th St., Philadelphia 7, Pa.

Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.

Leedal, Incorporated, 2929 S. Halstead St., Chicago 8, Ill.

Penco Division, Alan Wood Steel Co., Oaks, Pa.

S&M Mfg. Co., 3155 Verdugo Rd., Los Angeles 65, Calif.

Thompson Cabinet Co., Laura St., Ludington, Mich.

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- 2B2.2 Cameras.
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- 2B2.9 Shutters, Automatic.

OAmerican Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—2B2.

California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2B2.1, 2B2.2, 2B2.3, 2B2.4, 2B2.5, 2B2.6, 2B2.7, 2B2.8.

OChemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2B2.1, 2B2.2, 2B2.3, 2B2.4, 2B2.5, 2B2.6, 2B2.7, 2B2.9.

Consolidated Intl. Equipment & Supply Co., 4501 S. Western Ave., Chicago 22, Ill.—2B2.2, 2B2.5, 2B2.7.

Douthitt Corporation, The, 650 E. Fort St., Detroit 26, Mich.—2B2.2, 2B2.4, 2B2.5, 2B2.7.

Electronic Mechanical Products Co., 929 Atlantic Ave., Atlantic City, N. J.—2B2.9.

General Scientific Corp., 5151 W. 65th St., Chicago, Ill.—2B2.5.

Goerz, C. P., American Optical Co., 461 Doughty Blvd., Inwood 96, N. Y.—2B2.5.

Graphic Arts Research Foundation, 112 W. Kinzie St., Chicago 10, Ill.—2B2.8.

Haloid Xerox, Inc., 2 Haloid St., Rochester 3, N. Y.—2B2.6.

OKenro Graphics, Inc., Horsehill Rd., Cedar Knolls, N. J.—2B2.2.

OLanston Monotype Co., Div. Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.—2B2.2.

Levy, Max, & Co., Wayne Ave. and Berkley St., Philadelphia 44, Pa.—2B2.7.

Modi-Graphic, Incorporated, 215 E. Ninth St., Cincinnati 2, O.—2B2.8.

Moore Laboratories, 10326 Fenkell, Detroit 38, Mich.—2B2.7.

Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2B2.2, 2B2.3, 2B2.4, 2B2.5, 2B2.7.

ORobertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.—2B2.2, 2B2.3, 2B2.4, 2B2.5, 2B2.6, 2B2.7.

Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.—2B2.2, 2B2.4, 2B2.5, 2B2.7.

Sullebarger, E. T., Co., Inc., 114 Liberty St., New York 6, N. Y. —2B2.2, 2B2.5, 2B2.7.

United Camera Co., Inc., 3021 N. Lincoln, Chicago 13, Ill.—2B2.1.

Unitronics Div., Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.

○Wessel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2B2.2, 2B2.3, 2B2.4, 2B2.5, 2B2.6, 2B2.7

Western Bellows Co., 5234 Valley Blvd., Los Angeles 32, Calif.—2B2.1.

Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.

Zeiss, Carl, Inc., 485 Fifth Ave., New York 17, N. Y.—2B2.5.

CARBON TISSUE

See under Supplies 2B16.

CHEMICALS 2B3

○Ansco, Div. of General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.

California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.

○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

Du Pont, E. I., de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.

Haloid Xerox, Inc., 2 Haloid St., Rochester 3, N. Y.

Hunt, Philip A., Co., Palisades Park, N. J.

Mallinckrodt Chemical Works, Second and Mallinckrodt Sts., St. Louis 7, Mo.

Moore Laboratories, 10326 Fenkell, Detroit 38, Mich.

Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.

Rogers, Harry H., Co., Inc., 5331 S. Cicero Ave., Chicago 32, Ill.

○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.

Teaneck Chemical Co., 197 Washington Ave., Carlstadt, N. J.

CLOTH, SENSITIZED TRACING

See under Supplies 2B16.

COLOR PROOFING METHOD 2B36

Macbeth Daylighting Co., Little Britain Rd., Newburgh, N. Y.

Unitronics Div., Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.

COLOR SEPARATION MACHINE 2B48

○Fairchild Graphic Equipment, Div. Fairchild Camera & Instrument Corp., Fairchild Dr., Plainview, L. I., N. Y.

Printing Developments, Inc., Subsidiary of Time, Inc., Time & Life Building, Rockefeller Center, New York 20, N. Y.

Roloc, Incorporated, 4217 W. North Ave., Milwaukee 8, Wis.

COLOR SEPARATION PROCESS 2B25

Bourges Color Corp., 80 Fifth Ave., New York 11, N. Y.

COLORVALHUEMETER

See under Gauges and Testing Instruments 2B17.

COMPOSING MACHINE, PHOTO

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CONTRASTOMETER

See under Gauges and Testing Instruments 2B17.

CONTROLLERS FOR MOTORS

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CONVERSION EQUIPMENT 2B52.

○Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill.

COPPER PLATING TANKS FOR BALLARD PROCESS

See under Tanks, Copper Plating 2B26.

CYLINDER ETCHING MACHINE

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CYLINDER GRINDING AND POLISHING EQUIPMENT

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CYLINDER LAYDOWN MACHINE 2B46

Motter, John C., Printing Press Co., 907 Roosevelt Ave., York, Pa.

○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.

CYLINDER MARKING MACHINE 2B31

○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.

CYLINDER PLATING AND POLISHING FOR THE TRADE 2B28

Electro-Coatings, Inc., 570 Northwest Hghwy., Des Plaines, Ill.

General Gravure Service Co., 1413 Chestnut Ave., Hillside, N. J.

Gravure Engraving Corp., 709 Main St., Holyoke, Mass.

Gravure Process Co., 4179 W. Belmont Ave., Chicago 41, Ill.

Inta-Roto Machine Co., Inc., P.O. Box 454, Byrd Airport, Richmond 3, Va.

○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.

CYLINDER SLEEVE AND PLATEMAKING FOR THE TRADE 2B4

Acme Gravure Services Inc., 4001 Industrial Ave., Rolling Meadows, Ill.

Beck Engraving Co., Inc., Seventh and Sansom Sts., Philadelphia 6, Pa.

Color Engravers Div., Publication Corp., 2436 W. 15 St., Chicago, Ill.

General Gravure Service Co., 1413 Chestnut Ave., Hillside, N. J.

Graphic Arts Corp. of Ohio, 110 Ottawa St., Toledo 10, O.

Gravure Process Co., 4179 W. Belmont Ave., Chicago 41, Ill.

Intaglio Service Corp., 305 E. 46th St., New York 17, N. Y.

Inta Roto Machine Co., Inc., P.O. Box 454, Byrd Airport, Richmond 3, Va.

Viking Engraving Corp., The, 1432 N. Grant Ave., Columbus 1, O.

Western Roto Engravers, 1225 Sixth St., Berkeley 10, Calif.

CYLINDERS, SLEEVES AND PLATES 2B5

Electro-Coatings, Inc., 570 Northwest Hghwy., Des Plaines, Ill.

Florence Pipe Foundry and Machine Co., Front St., Florence, N. J.

General Gravure Service Co., 1413 Chestnut Ave., Hillside, N. J.

Inta-Roto Machine Co., Inc., P.O. Box 454, Byrd Airport, Richmond 3, Va.

Magnat Machinery & Pattern Corp., Leeds, Mass.

Parazin Corporation, 208 Mill St., Rochester 4, N. Y.

Revere Copper and Brass, Inc., Edes Manufacturing Div., Plymouth, Mass.

○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.

CYLINDER TRUCKS AND TABLES

See under Trucks and Tables 2B19.

D

DENSITOMETER

See under Gauges and Testing Instruments 2B17.

DOCTOR BLADES 2B6

2B6.1 Grinder.

Korn, Henry P., Associated, Inc., 5 Beekman St., New York 38, N. Y.—2B6.1.

Motter, John C., Printing Press Co., 907 Roosevelt Ave., York, Pa.—2B6.1.

○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.

United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.

DOTVALHUESCOPE

See under Gauges and Testing Instruments 2B17.

E

ETCHING MACHINE, CYLINDER 2B22

○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

Motter, John C. Printing Press Co., 907 Roosevelt Ave., York, Pa.

U. S. Stoneware Co., Tallmadge Ave., Akron 9, O.

EXPLOSION PROOF MOTORS AND CONTROLS

See Motors and Controls 2B11.

EXPOSURE CONTROLS 2B33

○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

Electronic Mechanical Products Co., 929 Atlantic Ave., Atlantic City, N. J.

○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.

Unitronics Div., Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.

F

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FRAMES, VACUUM PRINTING

See under Printing Frames 2D23.

G

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2B17.4 Contrastometer.
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2B17.3 Dotvalhuescope.
2B17.8 Halftone Screen Counter.
2B17.5 Microscope.
2B17.9 Optical Depth Gauge.
2B17.6 Screen Adjusting Wedges.

Bausch & Lomb Optical Co., 65161 Bausch, Rochester, N. Y.—2B17.2, 2B17.5.

○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2B17.1, 2B17.5, 2B17.6, 2B17.8, 2B17.9.

Gaebel, Arthur H., Inc., P.O. Box 3, Larchmont, N. Y.—2B17.9.

○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.—2B17.2.

Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa. —Color fastness to light testing machine

Macbeth Daylighting Co., Little Britain Rd., Newburgh, N. Y. —2B17.1.

Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2B17.1, 2B17.6.

○Tintometer, Box 203, Ryder Station, Brooklyn 31, N. Y.—2B17.1.

Unitronics Div., Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.—2B17.5, 2B17.9.

Welch W. M., Mfg. Co., 1515 Sedgwick St., Chicago 10, Ill.—2B17.1.

Weston Instruments, Sub. of Daystrom, Inc., 614 Frelinghuysen Ave., Newark 12, N. J.—2B17.1. Photographic analyzer.

GLASSES, MAGNIFYING AND REDUCING

See Pressroom 5BB.

GRAVURE PRESSES

See under Presses 2B13.

GRINDING AND POLISHING EQUIPMENT 2B7

○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.

Korn Henry P., Associated, Inc., 5 Beekman St., New York 38, N. Y.

Motter, John C., Printing Press Co., 907 Roosevelt Ave., York, Pa.

○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.

H

HUMIDITY CONTROLLING DEVICES

See Air Conditioning, Miscellaneous 8A.

I

INKS 2B8

Also see Pressroom 5W.

Acheson Dispersed Pigments Co., 1421 Chestnut St., Philadelphia 2, Pa.

Bensing Bros. and Deeney, Product of General Printing Ink Co., Div. of Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Braden Sutphin Ink Co., The, 3650 E. 93rd St., Cleveland 5, O.

Braznell Company, 5215 Manchester Ave., St. Louis 10, Mo.

California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.

Canada Printing Ink Co., Ltd., Brockhouse Rd., Etobicoke, Box 265, Postal Station N, Toronto 14, Ont., Can.

Crescent Ink & Color Co. of Pa., Inc., 464 N. Fifth St., Philadelphia 23, Pa.

Driscoll, Martin, & Co., 610 S. Federal St., Chicago 5, Ill.

○Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Gotham Ink & Color Co., 5-19—47th Ave., Long Island City 1, N. Y.

Herrick, Wm. C., Ink Co., Inc., One Maple St., East Rutherford, N. J.

Hill-Hentschel Company, 3928 Clayton Ave., St. Louis 10, Mo.

Huber, J. M., Corp., 1478 Chestnut Ave., Hillside, N. J.

○Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Levey, Fred'k H., Co., Inc., Printing Ink Div., 380 Madison Ave., New York 17, N. Y.

Morrill, George H., Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Roosen, H. D., Co., Div. of Columbian Carbon Co., 380 Madison Ave., New York, N. Y.

Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

Switzer Brothers, Inc., 4732 St. Clair Ave., Cleveland 3, O.

Triangle Ink & Color Co., 329 E. 29th St., New York 17, N. Y.

INSTRUMENTS, TESTING

See under Gauges and Testing Instruments 2B17.

INTAGLIO PRESSES

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L

LAMPS 2B9
2B9.2 Camera
2B9.1 Color Matching.

American Speedlight Corp., 62-01 Metropolitan Ave., Middle Village 79, L.I., N. Y.—2B9.2.

Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.

○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

Crown Engineering and Sales Co., 421 Hill St., Harrison, N. J.—2B9.1.

Douthitt Corporation, The, 650 E. Fort St., Detroit 26, Mich.

Gelb, Joseph, Co. 52 Arlington St., Newark 2, N. J.

○General Electric Co., Apparatus Sales Div., One River Road, Schenectady 5, N. Y.

Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.—2B9.1.

Macbeth Daylighting Co., Little Britain Rd., Newburgh, N. Y.—2B9.1.

○nuArc Company, Inc., 4110 W. Grand Ave., Chicago 51, Ill.

Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.

Strong Electric Corp., The, 87 City Park Ave. Toledo 1, O.

Sullebarger, E. T., Co., Inc., 114 Liberty St., New York 6, N. Y.

Unitronics Div., Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.

LAYDOWN MACHINE
See Cylinder Laydown Machine 2B16.

LAYOUT AND REGISTER TABLES 2B10

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Anderson, Paul, Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio 9, Tex.

○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

Consolidated Intl. Equipment & Supply Co., 4501 S. Western Ave., Chicago 22, Ill.

Craftsman Line-Up Table Corp., 49 River St., Waltham 54, Mass.

Gelb, Joseph, Co., 52 Arlington St., Newark 2, N. J.

Hamilton Manufacturing Co., 1316 18th St. Two Rivers, Wis.

○Lanston Monotype Co., Div. Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.

Leedal, Incorporated, 2929 S. Halstead St., Chicago 8, Ill.

○nuArc Company, Inc., 4110 W. Grand Ave., Chicago 51, Ill.

Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.

○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.

○Rouse, H. B., & Co., 2214 North Wayne Ave., Chicago 14, Ill.

Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.

LENTICULAR SCREENS
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MAGNIFYING AND REDUCING GLASSES
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2B11.3 Variable Speed Controls.

○Cutler-Hammer, Incorporated, 315 N. 12th St., Milwaukee 1, Wis.

Electric Eye Equipment Co., Div. of Hurletron Corporation, Danville, Ill.

○General Electric Co., Apparatus Sales Div., One River Road, Schenectady 5, N. Y.—2B11.1, 2B11.2.

Monitor Controller Div., Industrial Electronics Co., Inc., 99 Grove St., Rockland, Mass.

Northwestern Electric Co., 1750 N. Springfield Ave., Chicago 47, Ill.—2B11.3.

Oligear Company, The, 1560 W. Pierce St. Milwaukee 4, Wis.

Reliance Electric & Engineering Co., 24701 Euclid Ave., Cleveland 17, O.

Tri-Par Controls, 9353 Seymour Ave., Schiller Park, Ill.

U. S. Electrical Motors, Inc., Los Angeles 54, Calif.—2B11.2.

N

NEWSPRINT AND ROTO-GRAVURE PRESSES
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P

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PAPER, SENSITIZED
See under Supplies 2B16.

PAPER CLEANERS (SHEET AND ROLL) 2B30

Doyle, J. E., Co., 1220 W. Sixth St. Cleveland 13, O.

○Oxy-Dry Sprayer Corp., 1134 W. Montrose Ave., Chicago 13, Ill.

PAPER TRUCKS
See under Paper Handling Trucks 4D.

PHOTO FINISHING EQUIPMENT 2B51

LogEtronics, Incorporated, 500 E. Monroe Ave., Alexandria, Va.

PHOTOCOMPOSING MACHINES 2B12

Anderson, Paul, Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio 9, Tex.

○Lanston Monotype Co., Div. Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.

Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.

Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.

PHOTOTYPESETTING MACHINES
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PLATEMAKING FOR THE TRADE
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PLATES, SENSITIZED
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POLISHING AND PLATING, CYLINDER, FOR THE TRADE
See Cylinder Plating and Polishing for the Trade 2B28.

POLISHING EQUIPMENT
See Grinding and Polishing Equipment 2B7.

PRESSES, 2B13; ALSO SEE 5LL PRESSROOM
2B13.5 Flexographic and Gravure.
2B13.1 Newsprint and Rotogravure.
2B13.2 Rotogravure.
2B13.3 Sheet-Feed.
2B13.4 Web Offset and Rotogravure.

○American Type Founders, Inc., 200 Elmora Ave. Elizabeth, N. J.—2B13.1, 2B13.2, 2B13.4.

Champlain Company, Inc., Harrison Ave., Roseland, N. J.—2B13.2, 2B13.3.

Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St. Westerly, R. I.—2B13.2, 2B13.4.

Crabtree, R. W. & Sons (Canada) Ltd., 629 Adelaide St. W., Toronto 1, Ont., Can.—2B13.2.

Egan, Frank W., & Co., S. Adamsville Rd., Somerville, N. J.—2B13.2.

○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—2B13.1, 2B13.2.

○Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa.—2B13.2.

○Hoe, R., & Co., 910 E. 138th St., New York 54, N. Y.—2B13.1, 2B13.2, 2B13.3

Hudson Sharp Machine Co., 1207 Main St., Green Bay, Wis.—2B13.2.

Inta-Roto Machine Co. Inc., P.O. Box 454, Byrd Airport, Richmond 3, Va.—2B13.2.

Kidder Press Co. Inc., 121 Broadway, Dover, N. H.—2B13.2.

Magnat Machinery & Pattern Corp., Leeds Mass.—2B13.4.

Manhasset Machine Co., Inc., 409 Bayview Ave., Amityville, N. Y.—2B13.2.

Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.—2B13.2

○Miehle Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 W. Hastings St., Chicago 8, Ill.—2B13.3.

○Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.—2B13.2.

Model Printing Equipment Corp., 511 Madison St., Hoboken, N. J.—2B13.2, 2B13.3.

Motter, John C. Printing Press Co., 907 Roosevelt Ave., York, Pa.—2B13.2

○Potdevin Machine Co., 297 North St., Teterboro, N. J.—2B13.2.

Precise Engineering Co., E. Main St., P.O. Box 128, Huntley, Ill.—2B13.2.

○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.—2B13.1, 2B13.2, 2B13.4.

○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.—2B13.2

Waldron-Hartig Div., Midland-Ross Corp., P.O. Box 791, New Brunswick, N. J.—2B13.2.

Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill.—2B13.2.

PRESSES, REPRODUCTION
See Composing Room 1LL and Offset 2D42.

PRINTING FRAMES 2B20

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Brown, W. A., Mfg. Co., 608 S. Dearborn St. Chicago 5, Ill.

○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

Consolidated Intl. Equipment & Supply Co., 4501 S. Western Ave., Chicago 22, Ill.

General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.

○Lanston Monotype Co., Div. Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.

Levy, Max, & Co., Wayne Ave. and Berkley St., Philadelphia 44, Pa.—2B20.

LogEtronics, Incorporated, 500 E. Monroe Ave., Alexandria, Va.

○nuArc Company, Inc., 4110 W. Grand Ave., Chicago 51, Ill.

Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.

○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.

Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.

Unitronics Div., Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.

○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.

PRINTING LAMPS
See Lamps 2B9.

PRINTING PRESS MOTORS AND CONTROLS
See Motors and Controls 2B11.

PRINTING PRESSES
See Presses 2B13.

PROOF PRESSES 2B44

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Cottrell Company, The, Sub. Harris-Intertype Corp., 86 Mechanic St. Westerly, R. I.

○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

Motter, John C. Printing Press Co., 907 Roosevelt Ave., York, Pa.

○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.

PROOFING SYSTEMS FOR REPRODUCTION
See Composing Room 1LL and Offset 2D42.

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RACKS
See Cabinets, Racks, Stands 2B1.

REDUCING AND MAGNIFYING GLASSES
See Pressroom 5BB.

REGISTER AND LAYOUT TABLES
See Layout and Register Tables 2B10.

REGISTER CONTROLS, WEB 2B34
2B34.1 Press Register Control.
2B34.2 Feeding, Folding and Delivery.

Champlain Company, Inc., Harrison Ave., Roseland, N. J.

Crosfield Electronics, Inc., 47 New York Ave., Westbury, N. Y.—2B34.1

Electric Eye Equipment Co., Div. of Hurletron, Incorporated, 1938 E. Fairchild St., Danville, Ill.—2B34.1.

○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.

REPRODUCTION LETTERS 2B37

Artype, Incorporated, 127 S. Northwest Hgwy., Barrington, Ill.

Fototype, Incorporated, 1414 W. Roscoe St., Chicago 13, Ill.

Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y.

REPRODUCTION PROOFING
See Composing Room 1LL and Offset 2D42.

RETOUCHING TABLES 2B14

○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

Consolidated Intl. Equipment & Supply Co., 4501 S. Western Ave., Chicago 22, Ill.

Kreonite, Incorporated, 1532 Barwise, Wichita 4, Kan.

Leedal, Incorporated, 2929 S. Halstead St., Chicago 8, Ill.

Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.

○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.

ROLLERS 2B21

○American Roller Co., 1342 N. Halsted St., Chicago 22, Ill.

Bingham Brothers Co., 406 Pearl St., New York 38, N. Y.

Bingham's, Sam'l, Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.

Dayton Industrial Products Co., Dayco Department, 2001 Janice Ave., Melrose Park, Ill.

○Ideal Roller & Mfg. Co., Inc., 2612 W. 24th St., Chicago 8, Ill.

McHugh, J. Thomas Co., Inc., 6800 E. 32nd St., Indianapolis 26, Ind.

Ohio Roller Co., Inc., The, 4408 Detroit Ave., Cleveland 13, O.

Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.

○Rapid Roller Co., 26th and Federal Sts., Chicago 16, Ill.
Wild & Stevens, Inc., 45 Industrial Pl., Newton Upper Falls, Mass.

ROTOGRAVURE AND NEWSPRINT PRESSES
See under Presses 2B13.

ROTOGRAVURE PRESSES
See under Presses 2B13.

S

SAFETY CANS
See Composing Room 1Y.

SCREENS 2B15
2B15.1 Lenticular.
2B15.2 Standard.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2B15.2.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Consolidated Intl. Equipment & Supply Co., 4501 S. Western Ave., Chicago 22, Ill.
Graphic Photo Engraving Co., Inc., 207 W. 25th St., New York 1, N. Y.—2B15.2.
Levy, Max. & Co., Wayne Ave. and Barkley St., Philadelphia 44, Pa.—2B15.2.
Moore Laboratories, 10326 Fenkell, Detroit 38, Mich. 2B15.2.
Pitman, Harold M., Co., 3239 S. 51st Ave., Chicago 50, Ill.—2B15.1, 2B15.2.

SENSITIZED PAPER
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SENSITIZED PLATES
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SENSITIZED TRACING CLOTH
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SHEET CLEANERS
See Offset, Paper Cleaners 2D43.

SHEET-FEED PRESSES
See under Presses 2B13.

SINKS 2B45
2B45.1 Temperature Controlled.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.—2B45.1.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Kreonite, Incorporated, 1532 Barwise, Wichita 4, Kan.
Leedal, Incorporated, 2929 S. Halstead St., Chicago 8, Ill.—2B45.1.
Pitman, Harold M., Co., 3539 S. 51st Ave., Cicero 50, Ill.

SLEEVES, CYLINDER
See under Cylinders, Sleeves and Plates 2B5.

SPOT PLATER 2B50
○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.

SQUEEGEE MACHINE FOR CYLINDERS 2B32
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.

STANDS
See Cabinets, Racks, Stands 2B1.

STATIC ELIMINATORS 2B38
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
Continental Printing Equipment Co., 1402 N. Western Ave., Chicago 22, Ill.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.

static eliminators
for all graphic arts machinery
ionizing air nozzles for feed piles
GUARANTEED EFFECTIVE
the SIMCO company
920 Walnut St., Lansdale, Pa.

Herbert Products, Inc., 180 Lenden Ave., Westbury, L. I., N. Y.
Hewson Company, Inc., The, 443 Broad St., Newark 2, N. J.
○Oxy-Dry Sprayer Corp., 1134 W. Montrose Ave., Chicago 13, Ill.
Portland Company, The, 60 Fore St., Portland 6, Me.
○Simco Company, The, 920 Walnut St., Lansdale, Pa.

non-rust neutro-stat
aerosol anti-static spray
GUARANTEED NOT TO RUST METAL PARTS
$2.75 per can—$27.50 dozen
the SIMCO company
920 Walnut St., Lansdale, Pa.

Sticht, Herman H., Co., Inc., 27 Park Pl., New York 7, N. Y.
Takk Corporation, P. O. Box 346, Newark, O.
United States Radium Corp., Morristown, N. J.

SUPPLIES 2B16
2B16.1 Carbon Tissue.
2B16.2 Film, Sensitized.
2B16.3 Paper.
2B16.4 Plates.
2B16.5 Sensitized Tracing Cloth.
○Ansco, Div. of General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.—2B16.2.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2B16.1, 2B16.2, 2B16.3, 2B16.4.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2B16.1, 2B16.2, 2B16.4.
Cramer Dry Plate & Film Co., The, 1835 Shenandoah Ave., St. Louis 4, Mo.—2B16.2, 2B16.4.
Di-Noc Chemical Arts, Inc., 1700 London Rd., Cleveland 12, O.—2B16.2.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
Durol Company, Inc., P.O. Box 335, New Paltz, N. Y. Staging ink.
Eastern Graphic Arts Supply Co., Inc., 509 W. 56th St., New York 19, N. Y.
McGraw Colorgraph Co., 175 W. Verdugo Ave., Burbank, Calif.—2B16.1.
Murphy, George, Inc., 57 E. Ninth St., New York 3, N. Y.
National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7, Ill.—2B16.2.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2B16.2, 2B16.4.
Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y.—2B16.3.
○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.—2B16.1.
Transilwrap Company, 4427 N. Clark St., Chicago 47, Ill.—2B16.3.

T

TABLES, LAYOUT AND REGISTER
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TABLES, RETOUCHING
See Retouching Tables 2B14.

TANKS, COPPER PLATING FOR BALLARD PROCESS 2B26
○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.

TISSUE, CARBON
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TRACING CLOTH, SENSITIZED
See under Supplies 2B16.

TRADE CYLINDERS, SLEEVES AND PLATES
See Cylinder, Sleeve and Plate Making 2B4.

TRANSFER MACHINE 2B18
○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.

TRANSPARENCY VIEWER 2B35
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.
Macbeth Daylighting Co., Little Britain Rd., Newburgh, N. Y.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.

TRUCKS, PAPER HANDLING
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TRUCKS AND TABLES 2B19
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2B19.2 Cylinder Truck.
Paper Trucks, See Paper Handling Trucks 4D.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—2B19.1.
Motter, John C., Printing Press Co., 907 Roosevelt Ave., York, Pa.—2B19.1, 2B19.2.
○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.

TURNING AND POLISHING EQUIPMENT
See Grinding and Polishing Equipment 2B7.

V

VISCOMETER 2B49
Bendix Corporation, Cincinnati Div., 3130 Wasson Rd., Cincinnati 8, O.
Graymills Corporation, 3705 N. Lincoln Ave., Chicago 13, Ill.
Pneuma-Flo Systems, Inc., 127 W. 24th St., New York 11, N. Y.

Printing Production Filing System

2C — Miscellaneous Platemaking Index

HOW TO USE THIS INDEX—This Miscellaneous Platemaking Index is comprised of two parts. At left is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically. Products may be found by alphabetical reference in the Key. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

○ Indicates advertiser. See Advertisers' Index Pages B-C-D.

KEY FOR MISCELLANEOUS PLATEMAKING INDEX

2C2 Engravers' Wood

2C3 Linoleum Block
2C3.1 Linoleum
2C3.2 Tools

2C4 Photo Film

2C6 Plastic

2C8 Plastic Platemaking Supplies

2C9 Steel Die Equipment and Supplies
2C9.1 Die Plating Equipment

American Evatype Corp., 749 Osterman Ave., Deerfield, Ill.—2C8.

California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2C2.

○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2C2, 2C4.

Cronite Company, Inc., 8707 Hudson Blvd., North Bergen, N. J.—2C9.

Dawson Corporation, The, P. O. Box 52, Pelham, N. Y.—2C9.1.

Di-Noc Chemical Arts, Inc., 1700 London Rd., Cleveland 12, O.—2C4.

Du Pont, E. I., de Nemours & Co., Corner Tenth and Market Sts., Wilmington 98, Del.—2C4.

○Eastman Kodak Co., 343 State St., Rochester 4, N. Y.—2C4.

Econo Products, Inc., 132 Humboldt St., Rochester 10, N. Y.—2C6.

Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.—2C2.

Irwin Manufacturing Co., Inc., Main St., Garland, Pa.—2C2.

Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn. Adhesive two side mounting film.

Para-Flex Plate Corp., 21 E. 17th St., New York 3, N. Y.—2C3.1, 2C3.2.

Pioneer Rubber Engraving Co., 21 E. 17th St., New York 3, N. Y.—Linoleum and plastic plates for the trade.

Printing Plate Supply Co., 561 W. Washington St., Chicago 6, Ill.—2C8.

Stereotype Equipment Co., 2062 Elston Ave., Chicago 14, Ill.—2C8.

Ti-Pi Company, 1000 Broadway, Kansas City 5, Mo.—2C6.

○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2C6.

○Williamson & Company, Inc., P.O. Box 71, Caldwell, N. J.—2C8.

Printing Production Filing System

2D — Offset Index

HOW TO USE THIS INDEX—This Offset Index is comprised of two parts. Immediately below is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically, and includes a cross-index of equipment and supplies. Products may be found by alphabetical reference either in the Key or in the Main Index. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the

KEY FOR OFFSET INDEX

2D20 Air Brushes
2D40 Blanket Solutions
2D1 Blankets
2D54 Cabinets
2D54.1 Negative Filing
2D54.2 Plate Filing
Also see Composing Room 1E
2D2 Cameras and Accessories
2D2.1 Bellows
2D2.2 Cameras
2D2.3 Color Filters
2D2.4 Diaphragms
2D2.5 Lenses
2D2.6 Photocopying
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2D2.7 Screens
2D2.9 Shutters, Automatic
2D3 Chemicals
2D47 Color Proofing Method
2D55 Color Separation Machine
2D39 Color Separation Process
2D60 Conversion Equipment
2D41 Dark Room Equipment
2D41.3 Light
2D41.2 Sinks, Plain
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2D5 Deep Etch Method
2D6 Dry Plate Negative Materials
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2D7 Etching Machines
2D56 Etching Tables
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2D53.2 Water
2D53.3 Water Level Controls
2D53.4 Dividers
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2D37.10 Blanket Thickness Gauge
2D37.7 Color Printing Control
2D37.1 Densitometers
2D37.2 Film Inspection
2D37.9 Filter Ratio Scale
2D37.8 Halftone Screen Counter
2D37.3 Hygroscope
2D37.15 Ink Viscosity Control
2D37.14 Magnetic Ink Tester
2D37.13 Magnifier
2D37.4 pH Meters
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2D11.2 Graining Sands
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2D13.2 Camera
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2D14.4 Stripping
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2D18 Paper for Negatives
2D62 Perforating Rule
2D59 Photo Finishing Equipment
2D19 Photocomposing Machines
2D46 Phototypesetting Equipment
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2D46.1 Machines
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2D8 Pile Inverter
2D21 Plate Coating Machines
2D63 Plate Register Device
2D22 Plates
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2D50.2 Screen Color Separation Negatives
2D50.1 Brightype Method
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2D32.5 Lens and Filter Cleaner
2D32.4 Masking Materials
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2D34 Transfer Presses
2D52 Transparency Viewer
2D49 Typewriters, Justifying
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2D61 Web Drier

OFFSET EQUIPMENT AND SUPPLIES MAIN AND CROSS-INDEX

O Indicates advertiser. See Advertisers' Index, Pages B-C-D.

A

AIR BRUSHES 2D20

California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.

OChemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.

Paasche Airbrush Co., 1909 Diversey Parkway, Chicago 14, Ill.

Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.

AIR CONDITIONING

See Miscellaneous 8A.

ALUMINUM AND ZINC PLATES

See Plates, Aluminum and Zinc 2D22.

ANTI-OFFSET EQUIPMENT

See Offset Prevention Equipment 2D17.

B

BLANKETS 2D1

Best, Edward H., & Co., 210 Lincoln St., Boston 5, Mass.

Bingham's, Sam'l, Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.

OChemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

OCorkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.

Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Dayton Industrial Products Co., Dayco Department, 2001 Janice Ave., Melrose Park, Ill.

Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.

Hi-Speed Roller Co., Inc., 3157 Tchoupitoulas St., New Orleans 15, La.

House, Chas. W., & Sons, Inc., 505 Fifth Ave., New York 17, N. Y.

○Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.
McHugh, J. Thomas, Co., Inc., 6800 E. 32nd St., Indianapolis 26, Ind.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.
○Rapid Roller Co., 26th and Federal Sts., Chicago 16, Ill.
○Reeves Brothers, Inc., Vulcan Rubber Products Div., 54 Worth St., New York 13, N. Y.
Roberts & Porter, Inc., 4140 W. Victoria Ave., Chicago 46, Ill.
Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.
United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.
Wilsolite Corporation, 1827 Niagara St., Buffalo 7, N. Y.

BLANKET SOLUTIONS 2D40

○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Davidson Corporation, Sub. of Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
Driscoll, Martin, & Co., 610 Federal St., Chicago 5, Ill.
Du Pont, E. I., de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.
Fergusson, Alex. C., Co., 44 E. Oregon Ave., Philadelphia 48, Pa.
General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.
Godfrey Roller Co., 211 N. Camac St., Philadelphia 7, Pa.
Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 1449 Industrial Park St., Covina, Calif.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.
Recht, William, Co., Inc., 50 Church St., New York 7, N. Y.
Roberts & Porter, Inc., 4140 W. Victoria Ave., Chicago 46, Ill.
Rogers, Harry H., Co., Inc., 5331 S. Cicero Ave., Chicago 32, Ill.

BRONZING MACHINES

See Pressroom 5F.

BRUSHES, AIR

See Air Brushes 2D37.

C

CABINETS 2D54
2D54.1 Negative Filing.
2D54.2 Plate Filing.
Also see Composing Room 1E.

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Atlas Stencil Files Corp., 16716 Westfield Ave., Cleveland 10, O.—2D54.1, 2D54.2.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.—2D54.1
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—2D54.1, 2D54.2.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2D54.1, 2D54.2.
Colwell Litho Products, Inc., 316 Chicago Ave., Minneapolis 15, Minn.—2D54.1, 2D54.2.
Equipto, 401 S. Highland, Aurora, Ill.
Foster Manufacturing Co., 140 N. 13th St., Philadelphia 7, Pa.—2D54.1, 2D54.2.
Gustafson Tool Co., 239 Centre St., New York 13, N. Y.—2D54.2
Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.
Lyon Metal Products, Inc., Aurora, Ill.
○nuArc Company, Inc., 4110 W. Grand Ave., Chicago 51, Ill.—2D54.1, 2D54.2.
Penco Division, Alan Wood Steel Co., Oaks, Pa.—2D54.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2D54.1, 2D54.2
○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.—2D54.1.

CAMERAS AND ACCESSORIES 2D2
2D2.1 Bellows.
2D2.2 Cameras.
2D2.3 Color Filters.
2D2.4 Diaphragms.
2D2.5 Lenses.
2D2.6 Photocopying.
2D2.8 Reproportioning.
2D2.7 Screens.
2D2.9 Shutters, Automatic.

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—2D2.2
Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.—2D2.2
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.—2D2.2
Brown, W. A. Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.—2D2.2, 2D2.9.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2D2.1, 2D2.2, 2D2.3, 2D2.4, 2D2.5, 2D2.6, 2D2.7, 2D2.8.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2D2.1, 2D2.2, 2D2.3, 2D2.4, 2D2.5, 2D2.6, 2D2.7, 2D2.9.
Consolidated Intl. Equipment & Supply Co., 4501 S. Western Ave., Chicago 22, Ill.—2D2.2, 2D2.5, 2D2.7.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.—2D2.2, 2D2.4, 2D2.5, 2D2.7
Electronic Mechanical Products Co., 929 Atlantic Ave., Atlantic City, N. J.—2D2.9.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.
General Scientific Corp., 5151 W. 65th St., Chicago, Ill.—2D2.5
Goerz, C. P., American Optical Co., 461 Doughty Blvd., Inwood 96, N. Y.—2D2.5
Goodkin, The M. P., Co., Sub. Goodkin Mfg. Corp., 112-120 Arlington St., Newark 2, N. J.—2D2.2, 2D2.6
Graphic Arts Research Foundation, 112 W. Kinzie St., Chicago 10, Ill.—2D2.6, 2D2.8.
Graphic Photo Engraving Co., Inc., 207 W. 25th St., New York 1, N. Y.—2D2.7.
Haloid Xerox, Inc., 2 Haloid St., Rochester 3, N. Y.—2D2.6.
○Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—2D2.2, 2D2.5, 2D2.7.
○Kenro Graphic, Inc., Horsehill Rd., Cedar Knolls, N. J.—2D2.2.
Korn, Henry P., Associated, Inc., 5 Beekman St., New York 38, N. Y.
Lacey-Luci Products Co., 31 Central Ave., Newark 2, N. J.—2D2.2, 2D2.6.
Langford, W. A., Co., 10114 S. Crandon Ave., Chicago 7, Ill.
○Lanston Monotype Co., Div. Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.—2D2.2.
Levy, Max & Co., Wayne Ave., and Berkley St., Philadelphia 44, Pa.—2D2.7
Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.—2D2.2.
Modi-Graphic, Incorporated, 215 E. Ninth St., Cincinnati 2, O.—2D2.8.
Moore Laboratories, 10326 Fenkell, Detroit 38, Mich.—2D2.7
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2D2.2, 2D2.3, 2D2.4, 2D2.5, 2D2.7.
Roberts & Porter, Inc., 4140 W. Victoria Ave., Chicago 46, Ill.
○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.—2D2.2, 2D2.3, 2D2.4, 2D2.5, 2D2.6, 2D2.7, 2D2.8.
Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y.—2D2.3.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.—2D2.2, 2D2.4, 2D2.5, 2D2.7
Sullebarger, E. T., Co., Inc., 114 Liberty St., New York 6, N. Y.—2D2.2, 2D2.5, 2D2.7.
Tasope Company, The, Tasope Bldg., Aurora, Mo.
United Camera Co., Inc., 3021 N. Lincoln, Chicago 13, Ill.—2D2.1.
Unitronics Div., Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.—2D2.9.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2D2.2, 2D2.3, 2D2.4, 2D2.5, 2D2.6, 2D2.7.
Western Bellows Co., 5234 Valley Blvd., Los Angeles 32, Calif.—2D2.1.
Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.
Zeiss, Carl, Inc., 485 Fifth Ave., New York 17, N. Y.—2D2.5.

CHEMICALS 2D3

○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
Ansco, Div. of General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.
Azoplate Corporation, 558 Central Ave., Murray Hill, N. J.
Bowers Printing Ink Co., 2655 W. Irving Park Rd., Chicago 18, Ill.
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
Driscoll, Martin, & Co., 610 S. Federal St., Chicago 5, Ill.
Du Pont, E. I., de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.
Fergusson, Alex. C., Co., 44 E. Oregon Ave., Philadelphia 48, Pa.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.
Haloid Xerox, Inc., 2 Haloid St., Rochester 3, N. Y.
Handschy, A. E., Co., 2525 N. Elston Ave., Chicago 47, Ill.
Hunt, Philip A., Co., Palisades Park, N. J.
○Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.
Jones Graphic Products Co., 320 Broadway, S.E., Albuquerque, N. M.
Korn, Henry P., Associated, Inc., 5 Beekman St., New York 38, N. Y.
Levey, Fred'k H., Co., Inc., Machinery Div., 4901 Grays Ave., Philadelphia 43, Pa.
Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.
Lithoplate Incorporated, Sub. of Harris-Intertype Corp., 1449 Industrial Park St., Covina, Calif.
Mallinckrodt Chemical Works, Second and Mallinckrodt Sts., St. Louis 7, Mo.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.
Moore Laboratories, 10326 Fenkell, Detroit 38, Mich.
Murphy, George, Inc., 57 E. Ninth St., New York 3, N. Y.
Ozalid Division, General Aniline & Film Corp., Ansco Rd., Johnson City, N. Y.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.
Roberts & Porter, Inc., 4140 W. Victoria Ave., Chicago 46, Ill.
Rogers, Harry H., Co., Inc., 5331 S. Cicero Ave., Chicago 32, Ill.
Siebold, J. H. and G. B., Inc., 150 Varick St., New York 13, N. Y.
Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.
Teaneck Chemical Co., 197 Washington Ave., Carlstadt, N. J.

COATING MACHINE FOR PLATES

See Plate Coating and Whirling Machines 2D21.

COLOR PROOFING METHOD 2D47

Macbeth Daylighting Co., Little Britain Rd., Newburgh, N. Y.
Unitronics Div., Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.

COLOR SEPARATION MACHINE 2D55

Anderson, Paul, Mfg. Co., 8306 Broadway, P. O. Box 6705, San Antonio 9, Tex.
Curtis Laboratories, Inc., 2718 Griffith Park Blvd., Los Angeles 27, Calif.
○Fairchild Graphic Equipment, Div. Fairchild Camera & Instrument Corp., Fairchild Dr., Plainview, L. I., N. Y.
Gelb, Joseph, Co., 52 Arlington St., Newark 2, N. J.
Printing Developments, Inc., Subsidiary of Time, Inc., Time & Life Building, Rockefeller Center, New York 20, N. Y.
Roloc, Incorporated, 4217 W. North Ave., Milwaukee 8, Wis.
Royal Zenith Corp., 180 Varick St., New York 14, N. Y.

COLOR SEPARATION PROCESS 2D39

Curtis Laboratories, Inc., 2718 Griffith Park Blvd., Los Angeles 27, Calif.

CONTROLS AND MOTORS

See Motors and Controls 2D16.

CONVERSION EQUIPMENT 2D60

○Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill.

COVERING FOR DAMPENING ROLLERS

See Flannels 2D9.

D

DARKROOM EQUIPMENT 2D41
2D41.3 Light
2D41.2 Sinks, Plain.
2D41.1 Sinks, Temperature Controlled

Aids Development Co., Inc., 16560 Elderdale Dr., Cleveland 30, O.—2D41.4.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—2D41.1, 2D41.2.
Bar-Plate Mfg. Co., Inc., Boston Post Rd., Orange, Conn.—2D41.2.
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.
Brown, W. A. Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.—2D41.1, 2D41.2.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2D41.1, 2D41.2, 2D41.3.
Consolidated Intl. Equipment & Supply Co., 4501 S. Western Ave., Chicago 22, Ill.—2D41.1, 2D41.2.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.—2D41.1, 2D41.2.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.—2D41.1, 2D41.2
Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.
○Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—2D41.1, 2D41.2
Kreonite, Incorporated, 1532 Barwise, Wichita 4, Kan.—2D41.1, 2D41.2.
○Lanston Monotype Co., Div. Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.
Leedal, Incorporated, 2929 S. Halsted St., Chicago 8, Ill.—2D41.1, 2D41.2.
Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.—2D41.1, 2D41.2, 2D41.3.
○nuArc Company, Inc., 4110 W. Grand Ave., Chicago 51, Ill.—2D41.3.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2D41.1, 2D41.2.
Roberts & Porter, Inc., 4140 W. Victoria Ave., Chicago 46, Ill.
○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.—2D41.1, 2D41.2.

Unitronics Div., Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.—2D41.3.
Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.—2D41.1

DEEP ETCH METHOD 2D5
Litho Chemical & Supply Co., Inc., 46 Harriet Pl. Lynbrook, N. Y.
Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 1449 Industrial Park Sta., Covina, Calif.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.

DEVICES FOR PRESS WASHUP
See Washup Devices 2D36.

DRIVES FOR PRINTING PRESSES
See Motors and Controls 2D16.

DRY PLATE NEGATIVE MATERIALS 2D6
Cramer Dry Plate & Film Co., The, 1835 Shenandoah Ave., St. Louis 4, Mo.
Roberts & Porter, Inc., 4140 W. Victoria Ave., Chicago 46, Ill.

E

ELIMINATORS, FLOATING POWDER AND INK MIST 2D57
Trion, Inc., 1000 Island Ave., McKees Rocks, Pa.

EQUIPMENT FOR PREVENTING OFFSET
See Offset Preventing Equipment 2D17.

ETCHING MACHINES 2D7
Brown, W. A. Mfg. Co. 608 S. Dearborn St. Chicago 5, Ill.
○Chemco Photoproducts Co., Inc., Charles St. Glen Cove, N. Y.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
Roberts & Porter, Inc., 4140 W. Victoria Ave., Chicago 46, Ill.
Sullebarger, E. T., Co., Inc., 114 Liberty St., New York 6, N. Y.
U. S. Stoneware Co., Tallmadge Ave. Akron 9, O.

ETCHING METHODS, DEEP
See Deep Etch Method 2D5.

ETCHING TABLES 2D56
Bar-Plate Mfg. Co., Inc. Boston Post Rd., Orange, Conn.
Brown, W. A. Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.
○Lanston Monotype Co., Div. Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.
Mort, Ralph H. Co., 102 N. W. Ninth Ave., Portland 9, Ore.
Roberts & Porter, Inc., 4140 W. Victoria Ave., Chicago 46, Ill.
Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.

EXPOSURE CONTROLS 2D44
Electronic Mechanical Products Co. 929 Atlantic Ave., Atlantic City, N. J.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.
Unitronics Div., Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.

F

FILM
See Supplies 2D32.

FLANNELS 2D9
Best, Edward H., & Co., 210 Lincoln St., Boston 5, Mass.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.
House, Chas. W., & Sons, Inc., 505 Fifth Ave., New York 17, N. Y.
○Interchemical Corporation, Printing Ink Div. 67 W. 44th St., New York 36, N. Y.
Roberts & Porter, Inc., 4140 W. Victoria Ave., Chicago 46, Ill.

FLUORESCENT LAMPS
See Composing 1GG.

FOUNTAINS AND ACCESSORIES 2D53
2D53.1 Ink.
2D53.2 Water.
2D53.3 Water Level Controls.
2D53.4 Dividers.
Aids Development Co., Inc., 16560 Elderdale Dr. Cleveland 30, O.
Baldwin-Gegenheimer Corp., 80 Roebling St., Brooklyn 11, N. Y.—2D53.1, 2D53.2, 2D53.3.
Dayton Industrial Products Co., Dayco Department, 2001 Janice Ave., Melrose Park, Ill.—2D53.4.
Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.—2D53.1.
General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.
○Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—2D53.1, 2D53.2.
Roberts & Porter, Inc., 4140 W. Victoria Ave., Chicago 46, Ill.

FRAMES, PRINTING
See Printing Frames 2D23.

G

GAUGES AND TESTING INSTRUMENTS 2D37
2D37.10 Blanket Thickness Gauge.
2D37. 7 Color Printing Control.
2D37. 1 Densitometers.
2D37. 2 Film Inspection.
2D37. 9 Filter Ration Scale.
2D37. 8 Halftone Screen Counter.
2D37. 3 Hygroscope.
2D37.15 Ink Viscosity Control
2D37.14 Magnetic Ink Tester.
2D37.13 Magnifier.
2D37. 4 pH Meters.
2D37. 5 Roller Parallelism Gauge.
2D37. 6 Screen Wedges.
2D37.11 Sheet Register Rules.
Alteneder, Theo., & Sons, 1217 Spring Garden St., Philadelphia 23, Pa.
Analytical Measurements, Inc., 585 Main St., Chatham, N. J.—2D37.4.
Ballantine Laboratories, Boonton, N. J.—2D37.14.
Bristol Company, The, P.O. Box 1790, Waterbury 20, Conn.—2B37.3, 2B37.4.
Cambridge Instrument Co., Inc., 420 Lexington Ave., New York 17, N. Y.—2D37.4.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2D37.1, 2D37.2, 2D37.3, 2D37.4, 2D37.5, 2D37.6.
Gaebel, Arthur H., Inc., P.O. Box 3, Larchmont, N. Y.—2D37.8.
Korn, Henry P., Associated, Inc., 5 Beekman St., New York 38, N. Y.—2D37.1.
Lithographic Technical Foundation, 131 E. 39th St., New York 16, N. Y.—2D37.11.
Macbeth Daylighting Co., Little Britain Rd., Newburgh, N. Y.—2D37.1
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2D37.1, 2D37.5, 2D37.6, 2D37.8
Pneuma-Flo Systems, Inc., 127 W. 24 St., New York 11, N. Y.—2D37.15.
Roberts & Porter, Inc., 4140 W. Victoria Ave., Chicago 46, Ill. 2D37.1, 2D37.4, 2D37.6, 2D37.8, 2D37.10
○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.—2D37.9.
Rutherford Machinery Co., Div. of Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.—2D37.13.
Taylor, W. A. & Co., 7300 York Rd. Baltimore 4, Md.—2D37.4.
○Tintometer, Box 203, Rydar Station, Brooklyn 31, N. Y.—2D37.1.
Welch, W. M., Mfg. Co., 1515 Sedgwick St., Chicago 10, Ill.—2D37.1.
Weston Instruments, Sub. of Daystrom, Inc., 614 Frelinghuysen Ave., Newark 12, N. J.—2D37.1.

GLASSES, MAGNIFYING AND REDUCING
See Pressroom 5BB.

GRAINING MACHINES 2D10
Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.
Consolidated Intl. Equipment & Supply Co., 4501 S. Western Ave., Chicago 22, Ill.
○Hoe, R., & Co., Inc. 910 E. 138th St., New York 54, N. Y.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.
Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.

GRAINING MATERIALS 2D11
2D11.1 Graining Marbles.
2D11.2 Graining Sands.
Bache, Semon, & Co., Greenwich and Morton Sts., New York 14, N. Y.—2D11.1.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 3, Minn. Mineral grits.—2D11.2.
SKF Industries, Inc., Front St. and Erie Ave., Philadelphia 34, Pa.
Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.—2D11.2

GRINDERS AND STONES
See Stones and Grinders 2D31.

H

HEATERS AND NEUTRALIZERS 2D51
2D51.4 Heated Air Blower.
2D51.1 Heaters.
2D51.2 Neutralizers.
2D51.3 Static Tinsel.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—2D51.1, 2D51.2
Continental Printing Equipment Co. 1402 N. Western Ave., Chicago 22, Ill.—2D51.3
Doyle, The, J. E., Co., 1220 W. Sixth St. Cleveland 13, O.—2D51.1, 2D51.2
Dryer Electric Corp., 164 Walabout, Brooklyn, N. Y.—2D51.1.
Economy Printers Products Co., 609 S. LaSalle St., Chicago 5, Ill.—2D51.3
Herbert Products, Inc., 180 Linden Ave., Westbury, L. I., N. Y.—2D51.1, 2D51.2, 2D51.4.
Hewson Company, Inc., The, 443 Broad St., Newark 2, N. J.—2D51.2
Indiana Chemical & Mfg. Co., 624 E. Walnut St., Indianapolis 4, Ind.—2D51.2.
Miskella Infra-Red Co., E. 73rd and Grand Ave., Cleveland 4, O.
○Oxy-Dry Sprayer Corp., 1134 W. Montrose Ave. Chicago 13, Ill.—2D51.2
Selas Corp. of America, Dresher, Pa.—2D51.1.
○Simco Company, The, 920 Walnut St., Lansdale, Pa.—2D51.2.

static eliminators
for all graphic arts machinery
ionizing air nozzles for feed piles
GUARANTEED EFFECTIVE
the SIMCO company
920 Walnut St., Lansdale, Pa.

non-rust neutro-stat
aerosol anti-static spray
GUARANTEED NOT TO RUST METAL PARTS
$2.75 per can—$27.50 dozen
the SIMCO company
920 Walnut St., Lansdale, Pa.

Static Eliminator Co. 239 Centre St., New York 13, N. Y.—2D51.1, 2D51.2
○Statikil, Incorporated, 1220 W. Sixth St., Cleveland 13, O.—2D51.2.
Sticht, Herman H., Co., Inc., 27 Park Pl., New York 7, N. Y.—2D51.2
Takk Corporation, P.O. Box 346, Newark 0.—2D51.2
Western Brush Co., Inc., 219 S. Western Ave., Chicago 12, Ill.—2D51.2.

I

INKS 2D12
Also see Pressroom 5W.
Acheson Dispersed Pigments Co., 1421 Chestnut St., Philadelphia 2, Pa.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Bensing Bros. and Deeney, Product of General Printing Ink Co., Div. of Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.
Bowers Printing Ink Co., 2655 W. Irving Park Rd. Chicago 18, Ill.
Braden Sutphin Ink Co., The, 3650 E. 93rd St. Cleveland 5, O.
Braznell Company, 5215 Manchester Ave., St. Louis 10, Mo.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
Canada Printing Ink Co., Ltd., Brockhouse Rd., Etobicoke, Box 265—Postal Station N, Toronto 14, Ont., Can.
Capitol Printing Ink., Co., Inc., 806 Channing Pl., N.E., Washington 18, D. C.
Carlson, John P., Inc., 420 Carroll St. Brooklyn 15, N. Y.
Cleveland Printing Ink Co., Inc., 1414 Hamilton Ave., Cleveland 14, O.
Crescent Ink & Color Co. of Pa., Inc., 464 N. Fifth St., Philadelphia 23, Pa.
Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
Driscoll, Martin & Co., 610 S. Federal St. Chicago 5, Ill.
○Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.
Forbes Ink, Inc., 2249 Elm St., N.W. Cleveland 13, O.
Gaetjens, Berger & Wirth, Inc., 35 York St. Brooklyn 1, N. Y.
General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.
Graphic Chemical & Ink Co., 714 N. Ardmore Ave., Villa Park, Ill.
Handschy, A. E., Co., 2525 N. Elston Ave. Chicago 47, Ill.
Herrick, Wm. C., Ink Co., Inc., One Maple St., East Rutherford, N. J.
Hill-Henschel Company, 3928 Clayton Ave., St. Louis 10, Mo.
Hoeffler, J. & Co. 100 Sixth Ave., New York 13, N. Y.
Huber, J. M. Corp. 1478 Chestnut Ave. Hillside, N. J.
Inco Company, The, 2372 W. Seventh St. Cleveland 13, O.
○Interchemical Corporation, Printing Ink Div. 67 West 44th St., New York 36, N. Y.
Kohl and Madden Printing Ink Corp., 1132 S. Jefferson St., Chicago 7, Ill.
Levey, Fred'k H., Co., Inc., Printing Ink Div. 380 Madison Ave., New York 17, N. Y.
McCutcheon Bros & Quality, Inc., 2563 N. Reese St., Philadelphia 33, Pa.
Morrill, George H., Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Morrison Printing Ink Co., The, 1051 Power Ave., Cleveland 14, O.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.
Pope & Gray, Inc., 17 Industrial West, Allwood, Clifton, N. J.
Prescott, H. S., 95 Nursery St., Springfield 4, Mass.
Roberts, Lewis, Inc., 72 Union St., Newark 5, N. J.
Roosen, H. D., Co., Div. of Columbian Carbon Co., 380 Madison Ave., New York, N. Y.
Siebold, J. H. & G. B., Inc., 150 Varick St., New York 13, N. Y.
○**Sinclair & Carroll Co., Inc.,** 440 W. Superior, Chicago 10, Ill.
Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.
Sleight & Hellmuth, Inc., 900 S. Clinton St., Chicago 7, Ill.
Switzer Brothers, Inc., 4732 St. Clair Ave., Cleveland 3, O.
Triangle Ink & Color Co., 329 E. 29th St., New York 17, N. Y.
United Printing Ink Laboratories, Inc., 1940 E. Letterly St., Philadelphia 25, Pa.
U. S. Printing Ink Corp., 66 Industrial Ave., Little Ferry, N. J.
Winslow Ink Corp., 104 Greene St., New York 12, N. Y.

L

LAMPS 2D13
2D13.2 Camera.
2D13.1 Color Matching.
American Speedlight Corp., 63-01 Metropolitan Ave., Middle Village 79, L. I. N. Y.—2D13.2.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.
○**Chemco Photoproducts Co., Inc.,** Charles St., Glen Cove, N. Y.
Colwell Litho Products, Inc., 316 Chicago Ave., Minneapolis 15, Minn.
Crown Engineering and Sales Co., 421 Hill St., Harrison, N. J. —2D13.1.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
Gelb, Joseph, Co., 52 Arlington St., Newark 2, N. J.
○**General Electric Co., Apparatus** Sales Div., One River Rd., Schenectady 5, N. Y.
○**Harris-Seybold Company, Div. of** Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.
Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.—2D13.1.
Macbeth Daylighting Co., Little Britain Rd., Newburgh, N. Y. —2D13.1.
Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.
Milwaukee Printers Roller Co., 422 S. Fourth St., Milwaukee 4, Wis.
○**nuArc Company, Inc.,** 4110 W. Grand Ave., Chicago 51, Ill.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Roberts & Porter, Inc., 4140 W. Victoria Ave., Chicago 46, Ill.
○**Robertson Photo-mechanix, Inc.,** 7440 Lawrence Ave., Chicago 31, Ill.
Strong Electric Corp., The, 87 City Park Ave., Toledo 1, O.
Sullebarger, E. T., Co., Inc., 114 Liberty St., New York 6, N. Y.
Tasope Company, The, Tasope Bldg., Aurora, Mo.
Unitronics Div., Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.

LAYOUT, LINE-UP, REGISTER AND STRIPPING TABLES 2D14
2D14.1 Layout.
2D14.2 Line-up.
2D14.3 Register.
2D14.4 Stripping.
○**American Type Founders, Inc.,** 200 Elmora Ave., Elizabeth, N. J.
Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.—2D14.1, 2D14.2, 2D14.3, 2D14.4.
Anderson, Paul, Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio 9, Tex.—2D14.1, 2D14.3.
Bar-Plate Mfg. Co., Inc., Boston Post Rd., Orange, Conn.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.—2D14.1, 2D14.4.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2D14.1, 2D14.2, 2D14.3, 2D14.4.
○**Chemco Photoproducts Co., Inc.,** Charles St., Glen Cove, N. Y.—2D14.1, 2D14.2, 2D14.3, 2D14.4
Colwell Litho Products, Inc., 316 Chicago Ave., Minneapolis 15, Minn.—2D14.1, 2D14.4.
Consolidated Intl. Equipment & Supply Co., 4501 S. Western Ave., Chicago 22, Ill.—2D14.1.
Craftsman Line-Up Table Corp., 49 River St., Waltham 54, Mass.—2D14.1, 2D14.2, 2D14.3, 2D14.4.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.—2D14.1, 2D14.4.
Foster Manufacturing Co., 140 N. 13th St., Philadelphia 7, Pa.—2D14.1, 2D14.2, 2D14.4.
Gelb, Joseph, Co., 52 Arlington St., Newark 2, N. J.—2D14.2, 2D14.3.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.—2D14.1, 2D14.3.
Goodkin, The M. P., Co., Sub. Goodkin Mfg. Corp., 112-120 Arlington St., Newark 2, N. J. —2D14.1, 2D14.4.
Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.—2D14.1, 2D14.2, 2D14.3.
Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.
Lacey-Luci Products Co., 31 Central Ave., Newark 2, N. J.—2D14.4.
○**Lanston Monotype Co., Div. Lanston** Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.—2D14.3.
Leedal, Incorporated, 2929 S. Halstead St., Chicago 8, Ill. —2D14.1, 2D14.4.
Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.—2D14.1, 2D14.2, 2D14.3, 2D14.4.
○**nuArc Company, Inc.,** 4110 W. Grand Ave., Chicago 51, Ill.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2D14.1, 2D14.2, 2D14.3, 2D14.4.
Pittsburgh White Metal Co., 13 E. 37th St., New York 16, N. Y.—2D14.2.
Roberts & Porter, Inc., 4140 W. Victoria Ave., Chicago 46, Ill. — 2D14.1, 2D14.2, 2D14.3, 2D14.4.
○**Robertson Photo-mechanix, Inc.,** 7440 Lawrence Ave., Chicago 31, Ill.—2D14.2.
Roloc, Incorporated, 4217 W. North Ave., Milwaukee 8, Wis. —2D14.4.
Taylor Machine Co., 1713 S. Clinton St., Baltimore 24, Md.—2D14.3.
Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.—2D14.1, 2D14.4.

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LETTERS, REPRODUCTION
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MEDIUMS, SHADING
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MOLESKIN AND MOLLETON 2D15
American Cotton Products Co., 2516 S. Damen Ave., Chicago 8, Ill.
Best, Edward H., & Co., 210 Lincoln St., Boston 5, Mass.
○**Chemco Photoproducts Co., Inc.,** Charles St., Glen Cove, N. Y.
○**Corkpak Company, Inc., The,** 70 Argyle Ave., New Rochelle, N. Y.
General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.
Godfrey Roller Co., 211 N. Camac St., Philadelphia 7, Pa.
House, Chas. W., & Sons, Inc., 505 Fifth Ave., New York 17, N. Y.
○**Interchemical Corporation, Printing Ink Div.,** 67 W. 44th St., New York 36, N. Y.
Jomac, Incorporated, 6128 N. Woodstock St., Philadelphia 38, Pa.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.
Roberts & Porter, Inc., 4140 W. Victoria Ave., Chicago 46, Ill.
Roth, David Z., & Co., 1235 Main Ave., Clifton, N. J.
Siebold, J. H. & G. B., Inc., 150 Varick St., New York 13, N. Y.

MOLLETON AND MOLESKIN
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MOTORS AND CONTROLS 2D16
2D16.1 Variable Speed Controls.
○**Cutler-Hammer, Incorporated,** 315 N. 12th St., Milwaukee 1, Wis.
Electric Eye Equipment Co., Div. of Hurletron Corporation, Danville, Ill.
○**General Electric Co., Apparatus** Sales Div., One River Rd., Schenectady 5, N. Y.
Monitor Controller Div., Industrial Electronics Co., Inc., 99 Grove St., Rockland, Mass.
Northwestern Electric Co., 1750 N. Springfield Ave., Chicago 47, Ill. —2D61.1.
Oilgear Company, The, 1560 W. Pierce St., Milwaukee 4, Wis.
Reliance Electric & Engineering Co., 24701 Euclid Ave., Cleveland 17, O.
Tri-Par Controls, 9353 Seymour Ave., Schiller Park, Ill.
U. S. Electrical Motors, Inc. Los Angeles 54, Calif.

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OFFSET PREVENTING EQUIPMENT 2D17
○**American Type Founders, Inc.,** 200 Elmora Ave., Elizabeth, N. J.
Craig Corporation, 143 W. 20th St., New York 11, N. Y.
○**General Electric Co., Apparatus** Sales Div., One River Rd., Schenectady 5, N. Y.
H. & H. Products, 1930 S. State St., Chicago 16, Ill.
○**Harris-Seybold Company, Div. of** Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.
Herbert Products, Inc., 180 Linden Ave., Westbury, L. I., N. Y.
Hewson, Company, Inc., The, 443 Broad St., Newark 2, N. J.
International Dry Spray Corp., 13 E. 19th St., New York 3, N. Y.
Morningstar-Paisley, Inc., 630 W. 51st St., New York 19, N. Y.
○**Ortman-McCain Company,** 1330 W. Washington Blvd., Chicago 7, Ill.

ORTMAN-McCAIN COMPANY
Complete line of Spray Equipment for Graphic Arts
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○**Oxy-Dry Sprayer Corp.,** 1134 W. Montrose Ave., Chicago 13, Ill.
Paasche Airbrush Co., 1909 Diversey Parkway, Chicago 14, Ill.
Pneuma-Flo Systems, Inc., 127 W. 24th St., New York 11, N. Y.
Portland Company, The, 60 Fore St., Portland 6, Me. Static eliminator.
Press Filter Co., 848 N. Crescent Hts. Blvd., Los Angeles 46, Calif.
Roberts & Porter, Inc., 4140 W. Victoria Ave., Chicago 46, Ill.
Selas Corp. of America, Dresher, Pa.
○**Simco Company, The,** 920 Walnut St., Lansdale, Pa.
Static Eliminator Co., 239 Centre St., New York 13, N. Y.
Stein, Hall & Co., Inc., 285 Madison Ave., New York 17, N. Y.
Triangle Ink & Color Co., 329 E. 29th St., New York 17, N. Y.
Winton Engineering Co., 2353 May St., Cincinnati, O.

P

PAPER CLEANERS 2D43
Doyle, The J. E., Co., 1220 W. Sixth St., Cleveland 13, O.

PAPER FOR NEGATIVES 2D18
○**Chemco Photoproducts Co., Inc.,** Charles St., Glen Cove, N. Y.
Cramer Dry Plate & Film Co., The, 1835 Shenandoah Ave., St. Louis 4, Mo.
Du Pont, E. I., de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.
Haloid Xerox, Inc., 2 Haloid St., Rochester 3, N. Y.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Roberts & Porter, Inc., 4140 W. Victoria Ave., Chicago 46, Ill.

PAPER, TRANSFER
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PAPER TRUCKS
See Paper Handling Trucks 4D.

PERFORATING RULE 2D62
Boyd, H. S., Co., 6915 E. 14th St., Tulsa, Okla.
Sanders, B. E., Co., P.O. Box 2332, Tulsa, Okla.

PHOTO FINISHING EQUIPMENT 2D59
LogEtronics, Incorporated, 500 E. Monroe Ave., Alexandria, Va.

PHOTOCOMPOSING MACHINE 2D19
Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.
Anderson, Paul, Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio 9, Tex.
Bar-Plate Mfg. Co., Inc., Boston Post Rd., Orange, Conn.
ByChrome Company, Inc., P.O. Box 1077, Columbus 16, O.
○**Carlson, Chesley F., Co.,** 2240 Edgewood Ave., Minneapolis 26, Minn.
Friden, Inc., 2350 Washington Ave., San Leandro, Calif.
○**Lanston Monotype Co., Div. Lanston** Industries, Inc., G St. below Erie Ave., P. O. Box 4768, Philadelphia 34, Pa.

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LINOFILM system
MERGENTHALER LINOTYPE COMPANY
29 Ryerson Street, Brooklyn 5, New York

○**Mergenthaler Linotype Co.,** 29 Ryerson St., Brooklyn 5, N. Y.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Royal Zenith Corp., 180 Varick St., New York 14, N. Y.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.

PHOTOTYPESETTING EQUIPMENT 2D46
2D46.2 Handset.
2D46.1 Machines.
2D46.3 Paste-on Letters.
○**American Type Founders, Inc.,** 200 Elmora Ave., Elizabeth, N. J.

Davidson Corporation, Sub. of Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
Filmotype Corporation, 7500 McCormick Blvd., Skokie, Ill.
Foto-Riter Company, 63 S. 13th St., Minneapolis 3, Minn.
Halber Corporation, 4151 Montrose Ave., Chicago 41, Ill.
○Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 1, N. Y.
○Lanston Monotype Co., Div. Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.
Letter-On Company, 9605 Bulls Run Parkway, Bethesda 14, Md.—2D46.3.
○Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
Photon, Incorporated, 58 Charles St., Cambridge 41, Mass.
Vari-Typer Corporation, 720 Frelinghuysen Ave., Newark 5, N. J.

PILE INVERTER 2D8

Abrams, The M. L., Co., 1841 Prospect Ave., Cleveland 15, O.
Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.
Southworth Machine Co., 30 Warren Ave., Portland 5, Me.

PLATE COATING MACHINES 2D21

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Consolidated Intl. Equipment & Supply Co., 4501 S. Western Ave., Chicago 22, Ill.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
○Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.
○Lanston Monotype Co., Div. Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Roberts & Porter, Inc. 4140 W. Victoria Ave., Chicago 46, Ill.
Rogers, Harry H., Co., Inc., 5331 S. Cicero Ave., Chicago 32, Ill.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.
Tasope Company, The, Tasope Bldg., Aurora, Mo.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.
Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City, 6, N. Y.

PLATE GRAINING MACHINES
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PLATE GRAINING SANDS
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Bar-Plate Mfg. Co., Inc., Boston Post Rd., Orange, Conn.

PLATES 2D22
2D22.1 Aluminum.
2D22.7 Bi- and Tri-Metal.
2D22.6 Direct Image.
2D22.4 Magnesium.
2D22.2 Paper-plastic.
2D22.5 Pre-sensitized.
2D22.8 Wipe-on.
2D22.3 Zinc.

Addressograph-Multigraph Corporation, 1200 Babbitt Rd., Cleveland 17, O.—2D22.1, 2D22.3, 2D22.5.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—2D22.1, 2D22.2, 2D22.5.
Azoplate Corporation, 558 Central Ave., Murray Hill, N. J.—2D22.1, 2D22.5.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2D22.1, 2D22.2, 2D22.3, 2D22.4, 2D22.5, 2D22.6.
Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.—2D22.1, 2D22.2, 2D22.5, 2D22.6.
Direct-Image Offset Corp., 5201 Old Orchard Rd.—2D22.6.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.—2D22.1, 2D22.2, 2D22.3.
Graphic Arts Corp. of Ohio, 110 Ottawa St., Toledo 10, O.—2D22.7.
Illinois Zinc Co., 2959 W. 47th St., Chicago 32, Ill.—2D22.3.
○Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.—2D22.5, 2D22.8.
Levey, Fred'k H., Co., Inc., Machinery Div., 4901 Grays Ave., Philadelphia 43, Pa.—2D22.7.
Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.—2D22.1, 2D22.5.
Lithoplate Incorporated, Sub. of Harris-Intertype Corp., 278 N. Arden Dr., El Monte (Los Angeles), Calif.—2D22.1, 2D22.5.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.—2D22.5.
National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7, Ill.—2D22.5.
Oxalid Division, General Aniline & Film Corp., Ansco Rd., Johnson City, N. Y.—2D22.1, 2D22.2, 2D22.5, 2D22.6.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2D22.1, 2D22.2, 2D22.3, 2D22.5.
Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.—2D22.1, 2D22.2, 2D22.5.
Printing Developments, Inc., Subsidiary of Time, Inc., Time & Life Building, Rockefeller Center, New York 20, N. Y.—2D22.7, 2D22.8.
Recht, William, Co., Inc., 50 Church St., New York 7, N. Y.
Roberts & Porter, Inc., 4140 W. Victoria Ave., Chicago 46, Ill.—2D22.2, 2D22.5.

PRESSES FOR REPRODUCTION PROOFING
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2D23.1 Plain.
2D23.2 Vacuum.

Addressograph-Multigraph Corporation, 1200 Babbitt Rd., Cleveland 17, O.—2D23.1, 2D23.2.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—2D23.1, 2D23.2.
Anderson, Paul, Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio 9, Tex.—2D23.2.
Bar-Plate Mfg. Co., Inc., Boston Post Rd., Orange, Conn.—2D23.2.
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.—2D23.2.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.—2D23.1, 2D23.2.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2D23.1, 2D23.2.
Colwell Litho Products, Inc., 316 Chicago Ave., Minneapolis 15, Minn.—2D23.1, 2D23.2.
Consolidated Intl. Equipment & Supply Co., 4501 S. Western Ave., Chicago 22, Ill.—2D23.2.
Douthitt Corporation, The., 680 E. Fort St., Detroit 26, Mich.—2D23.1, 2D23.2.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.—2D23.1, 2D23.2.
General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.—2D23.2.
Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.
○Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—2D23.2.
Lacey-Luci Products Co., 31 Central Ave., Newark 2, N. J.—2D32.2.
○Lanston Monotype Co., Div. Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.—2D23.2.
Levy, Max, & Co., Wayne Ave. and Berkley St., Philadelphia 44, Pa.—2D32.2.
LogEtronics, Incorporated, 500 E. Monroe Ave., Alexandria, Va.—2D23.1.
Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.—2D23.2.
Milwaukee Printers Roller Co., 422 S. Fourth St., Milwaukee 4, Wis.—2D23.2.
○nuArc Company, Inc., 4110 W. Grand Ave., Chicago 51, Ill.—2D23.2.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2D23.1, 2D23.2.
Roberts & Porter, Inc., 4140 W. Victoria Ave., Chicago 46, Ill.—2D23.2.
○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.—2D23.2.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.—2D23.2.
Tasope Company, The, Tasope Bldg., Aurora, Mo.—2D23.2.
Unitronics Div., Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.—2D23.2.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2D23.2.
Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.—2D23.1, 2D23.2.

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PRINTING PRESS DRIVES
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PRINTING PRESSES 2D24
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2D24.4 Color.
2D24.3 Dry Offset.
2D24.5 Metal Decorating.
2D24.1 Sheet-Feed.
2D24.2 Web.

Addressograph-Multigraph Corporation, 1200 Babbitt Rd., Cleveland 17, O.—2D24.1.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—2D24.1, 2D24.2, 2D24.3.
Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.—2D24.1.
Cottrell Company, The Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.—2D24.2, 2D24.4.
Crabtree, R. W., & Sons (Canada) Ltd., 629 Adelaide St. W., Toronto 1, Ontario, Can.—2D24.1.
Davidson Corporation, Sub. of Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.—2D24.1.
Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O.—2D24.2.
○Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—2D24.1, 2D24.2, 2D24.4.
○HCM Corporation, 80 Varick St., New York 13, N. Y.—2D24.1.
○Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa.—2D24.2, 2D24.3.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—2D24.1, 2D24.2, 2D24.4.
Kidder Press Co., Inc., 121 Broadway, Dover, N. H.—2D24.1, 2D24.2.
Levey, Fred'k H., Co., Inc., Machinery Div., 4901 Grays Ave., Philadelphia 43, Pa.—2D24.2.
Magnat Machinery & Pattern Corp., Leeds, Mass.—2D24.4.
Manhasset Machine Co., Inc., 409 Bayview Ave., Amityville, N. Y.—2D24.3.
Miehle Company, Div. Miehle-Goss-Dexter, Inc., 2011 W. Hastings St., Chicago 8, Ill.—2D24.1, 2D24.2, 2D24.4.
○Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.—2D24.1.
Model Printing Equipment Corp., 511 Madison St., Hoboken, N. J.—2D24.2, 2D24.3.
○New Era Mfg. Co., 233 Central Ave., Hawthorne, N. J.—2D24.2.
Northern Machine Works, 323 N. Fourth St., Philadelphia, Pa.—2D24.1.
Royal Zenith Corp., 180 Varick St., New York 14, N. Y.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.—2D24.5.
Schriber Press Co., 4900 Webster St., Dayton 4, O.—2D24.2.
Waldron-Hartig Div., Midland Ross Corp., P.O. Box 791, New Brunswick, N. J. — 2D24.1, 2D24.2.
Waste King Corp., 3424 Wilshire Blvd., Los Angeles 5, Calif.—2D24.4.
Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill.—2D24.2.
Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.—2D24.3.

PROOF PRESSES 2D25
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.
○Atlantic Numbering Machine Co., 47-02 18th Ave., Brooklyn 4, N. Y.
○HCM Corporation, 80 Varick St., New York 13, N. Y.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.
○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.

PROOFS, REPRODUCTION
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RECORDERS AND TIME CLOCKS
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REDUCERS, INK
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REDUCING AND MAGNIFYING GLASSES
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REGISTER CONTROLS, WEB 2D45
2D45.1 Press Register Controls.
2D45.2 Feeding, Folding and Delivery.

Champlain Company, Inc., Harrison Ave., Roseland, N. J.
Electric Eye Equipment Co., Div. of Hurletron, Incorporated, 1938 E. Fairchild St., Danville, Ill.—2D45.1.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.

REGISTER TABLES
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REPRODUCTION LETTERS 2D38

Artype, Incorporated, 127 S. Northwest Hgwy., Barrington, Ill.
Foto-Graphic Products Co., 2701—14th Ave., S., Minneapolis, Minn.—2D38.
Fototype, Incorporated, 1414 W. Roscoe St., Chicago 13, Ill.
Letterguide Company, 2709 O St., Lincoln, Nebr.
Modi-Graphic, Incorporated, 215 E. Ninth St., Cincinnati 2, O.
Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y.

REPRODUCTION PROOFING 2D42
2D42.9 Coaters.
2D42.7 Drier.
2D42.1 Mounting Equipment.
2D42.2 Photomechanical.
2D42.3 Relief.
2D42.4 Special Stock.
2D42.5 Transparent Stock.
2D42.6 Wax.
2D42.8 Presses.

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—2D42.2, 2D42.3.

Bruning, Charles, Co., Inc., Mt. Prospect, Ill.—2D42.2.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—2D42.3.
Doyle, The J. E., Co., 1220 W. Sixth St., Cleveland 13, O.—2D42.7.
Esrever Distributors, 1037 W. 22nd St., Los Angeles 7, Calif. —2D42.7.
Glyco Chemicals, Div. Chas. L. Huisking & Co., Inc., 417 Fifth Ave., New York 16, N. Y.—2D42.6.
Graphic Arts Research Foundation, 112 W. Kinzie St., Chicago 10, Ill.—2D42.2, 2D42.5.
Haloid Xerox, Inc., 2 Haloid St., Rochester 3, N. Y.—2D42.2.
Ozalid Division, General Aniline & Film Corp., Ansco Rd., Johnson City, N. Y.—2D42.2.
Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y.—2D42.4, 2D42.5.
Schaefer Machine Co., Inc., 145 Front St., Bridgeport 6, Conn. —2D42.9.
Transilwrap Company, 4427 N. Clark St., Chicago 47, Ill.—2D42.5.
○Vandercook & Sons Inc., 3601 W. Touhy Ave., Chicago 45, Ill.—2D42.1, 2D42.3, 2D42.8.
Warren, S. D., Co., 89 Broad St., Boston 1, Mass.—2D42.4.

RETOUCHING STANDS 2D27

Brown, W. A., Mfg. Co., 608 S. Dearborn St. Chicago 5, Ill.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Consolidated Intl. Equipment & Supply Co., 4501 S. Western Ave., Chicago 22, Ill.
Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St. Brooklyn 5, N. Y.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
Hamilton Manufacturing Co., 1316 —18th St., Two Rivers, Wis.
○Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.
Kreonite, Incorporated, 1532 Barwise, Wichita 4, Kan.
Leedal, Incorporated, 2929 S. Halstead St., Chicago 8, Ill.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill
Roberts & Porter, Inc., 4140 W. Victoria Ave., Chicago 46, Ill.
○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.
Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.

ROLLER, DAMPENER, CLEANER 2D48

○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
Bar-Plate Mfg. Co., Inc., Boston Post Rd. Orange, Conn.
Bingham's, Sam'l, Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
Fergusson, Alex. C., Co., 44 E. Oregon Ave., Philadelphia 48, Pa.
General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.
Jomac, Incorporated, 6128 N. Woodstock St. Philadelphia 38, Pa
Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 1449 Industrial Park St., Covina, Calif.
Mort, Ralph H., Co., 102 N. W. Ninth Ave., Portland 9, Ore.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Polychrome Corporation, 2 Ashburton, Yonkers 2, N. Y.
Recht, William, Co., Inc., 50 Church St., New York 7, N. Y.
Roberts & Porter, Inc., 4140 W. Victoria Ave., Chicago 46, Ill.
Rogers, Harry H., Co., Inc., 5331 S. Cicero Ave., Chicago 32, Ill.

ROLLER, DAMPENER COVERING 2D58

American Cotton Products Co., 2516 S. Damen Ave., Chicago 8, Ill.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J
Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
○Ideal Roller & Mfg. Co., Inc., 2512 W. 24th St., Chicago 8, Ill.
Jomac, Incorporated, 6128 N. Woodstock St., Philadelphia 38, Pa.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St Paul 6, Minn.
Polychrome Corporation, 2 Ashburton, Yonkers 2, N. Y.

ROLLERS 2D26
Also see Pressroom 5NN.

○American Roller Co., 1342 N. Halsted St., Chicago 22, Ill.
Bingham Brothers Co., 406 Pearl St. New York 38, N. Y.
Bingham's, Sam'l, Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
Dayton Industrial Products Co., Dayco Department, 2001 Janice Ave., Melrose Park, Ill.
General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.
Godfrey Roller Co., 211 N. Camac St., Philadelphia 7, Pa.
Graphic Supply Co., Inc., 22 Bond St., New York, N. Y.
Hart, William C., Co., Inc., 236—25th St., Brooklyn 32, N. Y.
Hi-Speed Roller Co., Inc., 3157 Tchoupitoulas St., New Orleans 15, La.
○Ideal Roller & Mfg. Co., Inc., 2512 W. 24th St., Chicago 8, Ill.
McHugh, J. Thomas, Co., Inc., 6800 E. 32nd St., Indianapolis 26, Ind.
Moreland Corporation, The, York and Fitzwatertown Rds., Willow Grove, Pa
○Niles & Nelson, Inc., 75 West St., New York 6, N. Y.
Ohio Roller Co. Inc., 4408 Detroit Ave., Cleveland 13, O.
○Rapid Roller Co., 26th and Federal Sts., Chicago 16, Ill.
Raybestos-Manhattan, Inc., Manhattan Rubber Div., 61 Willett St. Passaic, N. J.
Siebold, J. H. & G. B., Inc., 156 Varick St., New York 13, N. Y.
United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.
Vogt Roller Co., Inc., 222 S. 12th St., Louisville 3, Ky.
Wild & Stevens, Inc., 45 Industrial Pl., Newton Upper Falls, Mass.

ROLLER WASHING DEVICES
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SAFETY CANS
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SANDS FOR GRAINING
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SCREENS 2D28
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2D28.1 Lenticular.
2D28.2 Standard.

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Caprock Developments, 165 Broadway, New York 6, N. Y.—2D28.3.
○Chemco Photoproducts Co., Inc., Charles St. Glen Cove, N. Y
Consolidated Intl. Equipment & Supply Co., 4501 S. Western Ave., Chicago 22, Ill.
Douthitt Corporation The, 680 E. Fort St., Detroit 26, Mich.—2D28.2.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill
Graphic Photo Engraving Co., Inc., 207 W. 25th St., New York 1, N. Y.—2D28.2.
○Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—2D28.1, 2D28.2.
Levy, Max, & Co., Wayne Ave., & Berkley St., Philadelphia 44, Pa.—2D28.2.
Moore Laboratories, 10326 Fenkell, Detroit 38 Mich.—2D28.2.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2D28.1, 2D28.2.
Roberts & Porter, Inc., 4140 W. Victoria Ave., Chicago 46, Ill. —2D28.2, 2D28.3.

SERVICE 2D50
2D50.2. Screen Color Separation Negatives
2D50.1. Brightype Method.

Anderson, Paul, Mfg. Co., 8306 Broadway, P.O Box 6705, San Antonio 9, Tex. 2D50.2.
Brightype Div., Central Publishing Co., Inc., 401 N. College Ave., Indianapolis 2, Ind.—2D50.1.

SHADING MACHINES AND SHADING MEDIUMS 2D29

Bourges Color Corp., 80 Fifth Ave., New York 11, N. Y.
ByChrome Company, Inc., P.O. Box 1077, Columbus 16, O.
Craftint Manufacturing Co., The, 1615 Collamer Ave., Cleveland 10, O.
Moore Laboartories, 10326 Fenkell Detroit 38 Mich.
Tintograph Company, 68 Jay St., Brooklyn 1, N. Y.

SHEET CLEANERS
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American Cotton Products Co., 2516 S. Damen Ave., Chicago 8, Ill.—2D32.7.
American Tape Co., 4058 Beaufait Ave., Detroit 7, Mich.—2D32.3.
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y. - 2D32.5
Ansco, Div. of General Analine & Film Corp., 40 Charles St., Binghamton, N. Y.—2D32.1.
Atlas Sponge Co., 2520 S. Damen Ave Chicago 8 Ill —2D32.7
Barnhard Printers Supply Co., 7—13 Governor St., Newark 2, N. J.
Bridgeport Engravers Supply Co., Inc. 30 Grand St., Bridgeport 2 Conn
California Ink Co., Inc., 545 Sansome St San Francisco 11, Calif —2D32.1 2D32.2 2D32.3.
○Carlson, Chesley F., Co., 2240 Edgewood Ave., Minneapolis 26, Minn.—2D32.4
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2D32.1, 2D32.2, 2D32.3, 2D32.4, 2D32.5, 2D32.7.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y
Craftint Manufacturing Co., The, 1615 Collamer Ave., Cleveland 10, O.—2D23.4.
Cramer Dry Plate & Film Co., The, 1835 Shenandoah Ave., St. Louis 4, Mo.—2D32.1.
Davidson Corporation, Sub of Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y. —2D32.3, 2D32.4.
Di-Noc Chemical Arts, Inc., 1700 London Rd. Cleveland 12, O. —2D32.1, 2D32.2.
Dom, G. C., Supply Co., 424 Commercial Sq., Cincinnati 2, O.
Douthitt Corporation, The, 680 E. Fort St. Detroit 26, Mich.
Du Pont, E. I. de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.—2D32.1, 2D32.2, 2D32.7.
Durol Company, Inc., P.O. Box 335, New Paltz, N. Y. Staging ink.
Eastern Graphic Arts Supply Co., Inc., 509 W. 56th St., New York 19 N. Y
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.—2D32.
General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.
Gevaert Co. of America, Inc., The, 321 W. 54th St., New York 19, N. Y —2D32.1, 2D32.2
Haloid Xerox, Inc., 2 Haloid St., Rochester 3, N. Y.—2D32.1.
○Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.
Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y. —2D32.4, 2D32.6.
Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 1449 Industrial Park St., Covina, Calif.—2D32.6.
Miami Valley Coated Paper Co., Oxford Rd., Franklin, O.—2D32.4.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.—2D32.2
National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7, Ill.—2D32.1, 2D32.2
Norman-Willets Graphic Supply Co., 316 W. Washington St., Chicago 6, Ill.
Ozalid Division, General Aniline & Film Corp., Ansco Rd., Johnson City, N. Y 2D32.6
Permacel, U. S. Highway No. 1, New Brunswick, N. J.—2D32.3.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2D32.1, 2D32.2 2D32.3.
Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.
Recht, William, Co., Inc., 50 Church St., New York 7, N. Y.
Roberts & Porter, Inc., 4140 W. Victoria Ave., Chicago 46, Ill.—2D32.1, 2D32.2, 2D32.3, 2D32.4.
Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y.—2D32.1, 2D32.2, 2D32.4.
Roth, David Z. & Co., 1235 Main St., Clifton, N. J.—2D32.1
Royal Zenith Corp., 180 Varick St., New York 14, N. Y.—2D28.3.
Ryan, E. G., and Co., 153 W. Huron St., Chicago 10, Ill.
Siebold, J. H. & G. B., Inc., 150 Varick St., New York 13, N. Y.
Sinclair & Valentine Co., 611 W. 129th St. New York 27, N. Y.
Sullebarger, E. T., Co., Inc., 114 Liberty St. New York 6, N. Y.
Transilwrap Company, 4427 N. Clark St., Chicago 47, Ill.
Ulano Graphic Arts Supplies, Inc., 610 Dean St., Brooklyn 38, N. Y.—2D32.4.

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TABLES, LAYOUT, LINE-UP, REGISTER AND STRIPPING
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TIME CLOCKS, RECORDERS
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TRANSFER PAPER 2D33

Dennison Manufacturing Co., 300 Howard St. Framingham Mass.
Roberts & Porter, Inc., 4140 W. Victoria Ave., Chicago 46, Ill.
Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y.

TRANSFER PRESSES 2D34

Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.

TRANSPARENCY VIEWER 2D53
○Chemco Photoproducts Co., Inc., Charles St. Glen Cove, N. Y.
Lacey-Luci Products Co., 31 Central Ave., Newark 2, N. J.
Macbeth Arc Lamp Co., 141 Berkley St. Philadelphia 44, Pa.
Macbeth Daylighting Co., Little Britain Rd. Newburgh, N. Y.
Pitman, Harold M., Co., 3239 S. 51st Ave. Cicero 50, Ill.
Roberts & Porter, Inc., 4140 W. Victoria Ave., Chicago 46, Ill.
Roloc Incorporated, 4217 W. North Ave. Milwaukee 8, Wis.

TRUCKS PAPER
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TYPEWRITERS, JUSTIFYING 2D49
Friden, Incorporated, 2350 Washington Ave., San Leandro, Calif.
International Business Machines Corp. 590 Madison Ave., New York 22, N. Y.
Vari-Typer Corporation, 720 Frelinghuysen Ave., Newark 2, N. J.

W

WASHUP DEVICES & SOLVENTS 2D36
○Anchor Chemical Co., Inc., 827 Bergen St. Brooklyn 38, N. Y.
○Baldwin-Gegenheimer Corp., 80 Roebling St., Brooklyn 11, N. Y.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Fergusson, Alex. C., Co., 44 E. Oregon Ave., Philadelphia 48, Pa.
Indiana Chemical & Mfg. Co., 624 E. Walnut St., Indianapolis 4, Ind.
Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 1449 Industrial Park St., Covina, Calif.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Roberts & Porter, Inc. 4140 W. Victoria Ave., Chicago 46, Ill.
Rogers, Harry H., Co., Inc., 5331 S. Cicero Ave., Chicago 32, Ill.
Ryan, E. G., and Co., 153 W. Huron St., Chicago 10, Ill.

WEB DRIER 2D61
○Offen, B., & Co., 29 E. Madison St., Chicago 2, Ill.

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***Printing Production* Filing System**

2E — Photoengraving Index

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California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
Paasche Airbrush Co., 1909 Diversey Parkway, Chicago 14, Ill.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.

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BURNING-IN STOVES 2E2
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
Jones Graphic Products Co., 320 Broadway, S.E., Albuquerque, N. M.
○Master Sales & Service Corp., 125 Greenwood Ave., Wyncote, Pa.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Printing Plate Supply Co., 561 W. Washington St., Chicago 6, Ill.
Tasope Company, The, Tasope Bldg., Aurora, Mo.
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○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.—2E3.1.
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.—2E3.1.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago, Ill.—2E3.1, 2E3.9.
California Ink Co., The, 545 Sansome St., San Francisco 11, Calif.—2E3.1, 2E3.2, 2E3.3, 2E3.4, 2E3.5, 2E3.6, 2E3.7, 2E3.8.
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Consolidated Intl. Equipment & Supply Co., 4501 S. Western Ave., Chicago 22, Ill.—2E3.1, 2E3.6.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.—2E3.1, 2E3.3, 2E3.4, 2E3.6.
Electronic Mechanical Products Co., 929 Atlantic Ave., Atlantic City, N. J.—2E3.9.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
General Scientific Corp., 5151 W. 65th St., Chicago, Ill.—2E3.4.
Goerz, C. P., American Optical Co., 461 Doughty Blvd., Inwood 96, N. Y.—2E3.4.
Goodkin, The M. P., Co., Sub. Goodkin Mfg. Corp., 112-120 Arlington St., Newark 2, N. J.—2E3.1, 2E3.5.
Graphic Arts Research Foundation, 112 W. Kinzie St., Chicago 10, Ill.—2E3.8.
Graphic Photo Engraving Co., Inc., 207 W. 25th St., New York 1, N. Y.—2E3.6.
Haloid Xerox, Inc., 2 Haloid St., Rochester 3, N. Y.—2E3.5.
○Kenro Graphics, Inc., Horsehill Rd., Cedar Knolls, N. J.—2E3.1.
Lacey-Luci Products Co., 31 Central Ave., Newark 2, N. J.—2E3.1, 2E3.5.
Langford, W. A., Co., 10114 S. Crandon Ave., Chicago 7, Ill.
○Lanston Monotype Co., Div. Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.—2E3.1.
Levy, Max, & Co., Wayne Ave. and Berkley St., Philadelphia 44, Pa.—2E3.6.
Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.—2E3.1.
Modi-Graphic, Incorporated, 215 E. Ninth St., Cincinnati 2, O.—2E3.1, 2E3.8.
Moore Laboratories, 10326 Fenkell, Detroit 38, Mich.—2E3.6.
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○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.—2E3.1, 2E3.2, 2E3.3, 2E3.4, 2E3.5, 2E3.8.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.—2E3.1, 2E3.3, 2E3.4, 2E3.5.
Sullebarger, E. T., Co., Inc., 114 Liberty St., New York 6, N. Y.—2E3.1, 2E3.4, 2E3.6.
Tasope Company, The, Tasope Bldg., Aurora, Mo.—2E3.1.
United Camera Co., Inc., 3021 N. Lincoln, Chicago 13, Ill.—2E3.7.
Unitronics Div., Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.—2E3.9.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2E7.
Western Bellows Co., 5234 Valley Blvd., Los Angeles 32, Calif.—2E3.7.
Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.
Zeiss, Carl, Inc., 485 Fifth Ave., New York 17, N. Y.—2E3.4.

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CHEMICALS 2E4
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
Ansco, Div. of General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.
○Atlantic Zinc Works, Div. Ball Bros. Co., Inc., 210 Van Brunt St., Brooklyn 31, N. Y.
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Dirats Photo Plate Co., Inc., 181 Notre Dame St., Westfield, Mass.
Dom. G. C., Supply Co., 424 Commercial Sq., Cincinnati 2, O.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
Du Pont, E. I., de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.
Durol Company, Inc., P.O. Box 335, New Paltz, N. Y. Staging ink.
Eastern Graphic Arts Supply Co., Inc., 509 W. 56th St., New York 19, N. Y.
○Empire Laboratories, Inc., 509 W. 56th St., New York 19, N. Y.
Fergusson, Alex C., Co., 44 E. Oregon Ave., Philadelphia 48, Pa.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
Haloid Xerox, Inc., 2 Haloid St., Rochester 3, N. Y.
Hunt, Philip A., Co., Palisades Park, N. J.
○Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.; 50 Church St., New York 7, N. Y.
Jones Graphic Products Co., 320 Broadway, S.E., Albuquerque, N. M.
Korn, Henry P., Associated, Inc., 5 Beekman St., New York 38, N. Y.
Lochman, The Phillip, Co., 2405 Oakton St., Evanston, Ill.
Mallinckrodt Chemical Works, Second and Mallinckrodt Sts., St. Louis 7, Mo.
Moore Laboratories, 70 W. Montcalm, Detroit 1, Mich.
Murphy, George, Inc., 57 E. Ninth St., New York 3, N. Y.
National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7, Ill.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Revere Copper and Brass, Inc., Edes Manufacturing Div., Plymouth, Mass.
Teaneck Chemical Co., 197 Washington Ave., Carlstadt, N. J.

CLEANERS 2E48
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
○General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.

COLD TOP ENAMEL
See Chemicals 2E4.

COLLODION
See Chemicals 2E4.

COLOR FILTERS
See under Cameras and Accessories 2E3.

COLOR PROCESS 2E5
Bourges Color Corp., 80 Fifth Ave., New York 11, N. Y.
Colorgraph Process Co., 241 E. Illinois St., Chicago 11, Ill.
Curtis Laboratories, Inc., 2718 Griffith Park Blvd., Los Angeles 27, Calif.

COLOR PROOFING METHOD 2E27
Macbeth Daylighting Co., Little Britain Rd., Newburgh, N. Y.
Unitronics Div., Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.

COLOR SEPARATION MACHINE 2E46
Anderson, Paul, Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio, Tex.
Curtis Laboratories, Inc., 2718 Griffith Park Blvd., Los Angeles 27, Calif.
○Fairchild Graphic Equipment, Div. Fairchild Camera & Instrument Corp., Fairchild Dr., Plainview, L. I., N. Y.
Gelb, Joseph, Co., 52 Arlington St., Newark 2, N. J.
○HCM Corporation, 80 Varick St., New York 13, N. Y.
Printing Developments, Inc., Subsidiary of Time, Inc., Time & Life Building, Rockefeller Center, New York 20, N. Y.
Roloc, Incorporated, 4217 W. North Ave., Milwaukee 8, Wis.

CONVERSION EQUIPMENT 2E53
○Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill.

COPPER PLATES
See Plates 2E12.

CROSS-RULED SCREENS
See under Cameras and Accessories 2E3.

CUT MOUNTING PRESS 2E40
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.

CUT NAILING MACHINES
See Nailing Machines 2E9.

CUTTERS, GUILLOTINE
See Guillotine Cutters 2E7.

CYANIDE
See Chemicals 2E4.

CYLINDER PLATE MAKING FOR THE TRADE 2E39
Industrial Engraving Co., Church and Banks Sts., Easton, Pa.

CYLINDER PROOF PRESSES
See under Proof Presses 2E15.

D

DARKROOM EQUIPMENT 2E29
2E29.3 Light.
2E29.2 Sinks, Plain
2E29.1 Sinks, Temperature Controlled.

Aids Development Co., Inc., 16560 Elderdale Dr., Cleveland 30, O.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—2E29.1, 2E29.2.
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.—2E29.1, 2E29.2.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2E29.1, 2E29.2, 2E29.3.
Consolidated Intl. Equipment & Supply Co., 4501 S. Western Ave., Chicago 22, Ill.—2E29.1, 2E29.2.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.—2E29.1, 2E29.2.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.—2E29.1, 2E29.2.
Jones Graphic Products Co., 320 Broadway, S.E., Albuquerque, N. M.—2E29.1.
Kreonite, Incorporated, 1532 Barwise, Wichita 4, Kan.—2E29.1, 2E29.2.
○Lanston Monotype Co., Div. Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.—2E29.2.
Leedal, Incorporated, 2929 S. Halstead St., Chicago 8, Ill.—2E29.1, 2E29.2.
Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.—2E29.1, 2E29.2, 2E29.3.
○nuArc Company, Inc., 4110 W. Grand Ave., Chicago 51, Ill.—2E29.3.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2E29.1, 2E29.2.
○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.—2E29.1, 2E29.2.

Schmidt, H., & Co., 317 S. Paulina St., Chicago 12, Ill.—2E29.1.
Unitronics Div., Lanston Industries, Inc., G St. below Erie Ave., P. O. Box 4768, Philadelphia 34, Pa.—2E29.3.
Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.

DEPTHOMETERS
See Stereotype Department 2G14.

DIAPHRAGMS
See under Cameras and Accessories 2E3.

DRAGON'S BLOOD
See Chemicals 2E4.

DRYING CABINETS
See Negative Cabinets 2E10.

E

ELECTRIC ETCHING MACHINES
See Etching Machines 2E6.

ENGRAVING MACHINE 2E47
Consolidated Intl. Equipment & Supply Co., 4501 S. Western Ave., Chicago 22, Ill.
Elgrama Sales Co., La Salle, Ill.
○Fairchild Graphic Equipment, Div. Fairchild Camera & Instrument Corp., Fairchild Dr., Plainview, L. I., N. Y.
○HCM Corporation, 80 Varick St., New York 13, N. Y.

ETCHING INK
See Chemicals 2E4.

ETCHING MACHINES 2E6
2E6.1 Conventional.
2E6.3 Curved.
2E6.2 Powderless.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Dirats Photo Plate Co., Inc., 181 Notre Dame St., Westfield, Mass.—2E6.2.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
Holmstrom, Axel, Etching Machines, 2555 Carpenter St., Philadelphia 46, Pa.
○Master Sales & Service Corp., 125 Greenwood Ave., Wyncote, Pa. —2E6.1, 2E6.2, 2E6.3.
National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7, Ill.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Regan Industries, Inc., Graphic Arts Equipment Div., 1720 Marco Polo Way, Burlingame, Calif.—2E6.2, 2E6.3.
Tasope Company, The, Tasope Bldg., Aurora, Mo. — 2E6.1, 2E6.2.
U. S. Stoneware Co., Tallmadge Ave., Akron 9, O.

EXPOSURE CONTROLS 2E35
○Chemco Photoproducts, Inc., Charles St., Glen Cove, N. Y.
Electronic Mechanical Products Co., 929 Atlantic Ave., Atlantic City, N. J.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.
Unitronics Div., Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.

EXPOSURE UNITS 2E58
2E58.1 Curved Plate.
2E58.2 Wrap-Around.
○Master Seals & Service Corp., 125 Greenwood Ave., Wyncote, Pa. —2E58.1, 2E58.2.

F

FERRIC CHLORIDE
See Chemicals 2E4.

FILM
See under Supplies 2E22.

FILTERS, COLOR
See under Cameras and Accessories 2E3.

FRAMES, PRINTING
See under Printing Frames 2E16.

G

GAUGES AND TESTING INSTRUMENTS 2E42
Also See Stereotype Department 2G14.
2E42.5 Densitometer.
2E42.1 Halftone Exposure Control.
2E42.6 Halftone Screen Counter.
2E42.7 Magnifiers.
2E42.3 Optical Depth Gauge.
2E42.2 pH Control.
2E42.4 Screen Adjusting Wedges.
Alico, Incorporated, Montague, Mass.—2E42.3.
Alteneder, Theo., & Sons, 1217 Spring Garden St., Philadelphia 23, Pa.
Analytical Measurements, Inc., 585 Main St., Chatham, N. J. —2E42.2.
Bristol Company, The, P.O. Box 1790, Waterbury 20, Conn.—2E42.2.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2E42.1, 2E42.2, 2E42.3, 2E42.4, 2E42.5, 2E42.6.
Cobb Shinn, 721 Union St., Indianapolis 25, Ind.—2E42.6.
Gaebel, Arthur H., Inc., P.O. Box 3, Larchmont, N. Y.—2E42.3, 2E42.6.
Macbeth Daylighting Co., Little Britain Rd., Newburgh, N. Y. —2E42.5.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2E42.2, 2E42.4, 2E42.5, 2E42.6.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.—2E42.1.
○Tintometer, Box 203, Ryder Station, Brooklyn 31, N. Y.—2E42.5.
Unitronics Div., Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.—2E42.3.
Welch, W. M., Mfg. Co., 1515 Sedgwick St., Chicago 10, Ill.
Weston Instruments, Sub. of Daystrom, Inc., 614 Frelinghuysen Ave., Newark 12, N. J.—2E42.1, 2E42.5.

GLASSES, REDUCING AND MAGNIFYING
See Stereotype Department 2G17.

GRAVERS
See Tools 2E26.

GRINDING MACHINES FOR SAWS
See under Saws and Saw Sharpeners 2E19.

GUILLOTINE CUTTERS 2E7
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
○Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.

H

HALFTONE SCREENS
See under Cameras and Accessories 2E3.

HAND PROOF PRESSES
See under Proof Presses 2E15.

I

IRONS, SOLDERING
See Tools 2E26.

L

LAMINATED BLOCKING WOOD
See Mounting Materials 2E1.

LAMPS 2E8
2E8.2 Camera.
2E8.1 Color Matching.
American Speedlight Corp., 63-01 Metropolitan Ave., Middle Village 79, L. I., N. Y.—2E8.2.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Crown Engineering and Sales Co., 421 Hill St., Harrison, N. J.—2E8.1.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
Gelb, Joseph, Co., 52 Arlington St., Newark 2, N. J.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.
Macbeth Daylighting Co., Little Britain Rd., Newburgh, N. Y.
Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.
Milwaukee Printers Roller Co., 422 S. Fourth St., Milwaukee 4, Wis.
National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7, Ill.
○nuArc Company, Inc., 4110 W. Grand Ave., Chicago 51, Ill.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.
Strong Electric Corp., The, 87 City Park Ave., Toledo 1, O. —2E8.2.
Sullebarger, E. T., Co., Inc., 114 Liberty St., New York 6, N. Y.
Tasope Company, The, Tasope Bldg., Aurora, Mo.
Unitronics Div., Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.

LENSES
See under Cameras and Accessories 2E3.

LENTICULAR SCREENS
See under Cameras and Accessories 2E3.

LINE-UP AND REGISTER TABLES 2E36
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Consolidated Intl. Equipment & Supply Co., 4501 S. Western Ave., Chicago 22, Ill.
Craftsman Line-Up Table Corp., 49 River St., Waltham 54, Mass.
Gelb, Joseph, Co., 52 Arlington St., Newark 2, N. J.
Goodkin, The M. P., Co., Sub. Goodkin Mfg. Corp., 112-120 Arlington St., Newark 2, N. J.
Hamilton Manufacturing Co., 1316 —18th St., Two Rivers, Wis.
○Lanston Monotype Co., Div. Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.
○nuArc Company, Inc., 4110 W. Grand Ave., Chicago 51, Ill.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Pittsburgh White Metal Co., 13 E. 37th St., New York 16, N. Y.

M

MAGNIFYING AND REDUCING GLASSES
See Stereotype Department 2G17.

MOUNTING MATERIALS 2E1
○Brooks & Perkins, Inc., Magplate Div., 1950 W. Fort St., Detroit 16, Mich.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
○Chambersburg Lumber Co., College and Scotland Aves., Chambersburg, Pa.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
○Corkpak Company, The, 70 Argyle Ave., New Rochelle, N. Y.
Doven Division, Appleton Machine Co., 618 S. Oneida St., P.O. Box 468, Appleton, Wis.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
Gulf Laminates, Inc., Picayune, Miss.
Irwin Manufacturing Co., Inc., Main St., Garland, Pa.
Lockwood Company, 125 N. Fifth St., Atchison, Kan.
Pittsburgh White Metal Co., 13 E. 37th St., New York 16, N. Y.
Tenak Products Co., 2615 N. Paulina St., Chicago 14, Ill.
Tolerton Company, 265 N. Freedom St., Alliance, O.
○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.
Wells Manufacturing Co., 1701 S. Main St., South Bend 23, Ind.

MOUNTING SYSTEMS FOR PLATES
See Composing Room 1U.

MOUNTING WOOD
See Mounting Materials 2E1.

MURIATIC ACID
See Chemicals 2E4.

N

NAILING MACHINES 2E9
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

NEGATIVE DRYING CABINETS 2E10
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
Lyon Metal Products, Inc., Aurora, Ill.
○Master Sales & Service Corp., 125 Greenwood Ave., Wyncote, Pa.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.

O

OPAQUE
See Supplies 2E22.

P

PAPER PROOFING
See under Supplies 2E22.

PHOTO FINISHING EQUIPMENT 2E50
LogEtronics, Incorporated, 500 E. Monroe Ave., Alexandria, Va.

PHOTOCOMPOSING MACHINES 2E33
Anderson, Paul, Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio 9, Tex.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
○Carlson, Chesley F. Co., 2240 Edgewood Ave., Minneapolis 26, Minn.
○Lanston Monotype Co., Div. Lanston Industries, Inc., G St., below Erie Ave., P. O. Box 4768, Philadelphia 34, Pa.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.

PHOTOSTAT CAMERAS
See under Cameras and Accessories 2E3.

PHOTOTYPESETTING MACHINES
See Offset 2D46.

PLANERS 2E11
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
○Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.
○Morrison Company, The, 125 W. Melvina St., Milwaukee 12, Wis.

Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
○Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.
○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

PLASTIC PLATE PROCESSING EQUIPMENT 2E56
○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.

PLATE BEVELERS 2E13
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Consolidated Intl. Equipment & Supply Co., 4501 S. Western Ave., Chicago 22, Ill.
Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.
○Morrison Company, The, 125 W. Melvina St., Milwaukee 12, Wis.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Royle, John, & Sons, 10 Essex St., Paterson 3, N. J.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

PLATE COATERS 2E14
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Consolidated Intl. Equipment & Supply Co., 4501 S. Western Ave., Chicago 22, Ill.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
○Lanston Monotype Co., Div. Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.
○Master Sales & Service Corp., 125 Greenwood Ave., Wyncote, Pa.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.
Tasope Company, The, Tasope Bldg., Aurora, Mo.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.
Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.

PLATE COOLER 2E44
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
○Master Sales & Service Corp., 125 Greenwood Ave., Wyncote, Pa.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Schmidt, H., & Co., 317 S. Paulina St., Chicago 12, Ill.

PLATE CURVING EQUIPMENT 2E54
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
Regan Industries, Inc., Graphic Arts Equipment Div., 1720 Marco Polo Way, Burlingame, Calif.
○Sta-Hi Corp., 235 W. Washington Blvd., Whittier, Calif.

PLATE MOUNTING MACHINES
See Nailing Machines 2E9.

PLATE MOUNTING SYSTEMS
See Composing Room 1U.

PLATE MOUNTING WOOD
See Mounting Materials 2E1.

PLATE PLANERS
See Planers 2E11.

PLATE RACKS 2E57
○nuArc Company, Inc., 4110 W. Grand Ave., Chicago 51, Ill.

PLATE REGISTERING SYSTEMS
See Register Systems 2E17.

PLATE ROUTERS
See Routing Machines 2E18.

PLATE SHEARS
See Guillotine Cutters 2E7.

PLATE THICKNESS GAUGES
See Stereotype Department 2G14.

PLATES 2E12.
2E12.4 Backup Board for Thin Zinc.
2E12.1 Brass.
2E12.2 Copper.
2E12.10 Curved saddles.
2E12.9 Flat backup plate.
2E12.5 Magnesium.
2E12.12 Plastic.
2E12.11 Pre-curved.
2E12.7 Pre-sensitized.
2E12.3 Zinc.
○Atlantic Zinc Works, Div. Ball Bros. Co., Inc., 210 Van Brunt St., Brooklyn 31, N. Y.—2E12.1, 2E12.2, 2E12.3, 2E12.4, 2E12.5.
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.—2E12.2, 2E12.3.
○Brooks & Perkins, Inc., Magplate Div., 1950 W. Fort St., Detroit 16, Mich. — 2E12.5, 2E12.9, 2E12.10, 2E12.11.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2E12.1, 2E12.2, 2E12.3, 2E12.4, 2E12.5, 2E12.7.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2E12.1, 2E12.2, 2E12.3, 2E12.4, 2E12.5, 2E12.7.
Dirats Photo Plate Co., Inc., 181 Notre Dame St., Westfield, Mass.—2E12.7.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.—2E12.2, 2E12.3.
Dow Chemical Co., Midland, Mich.—2E12.5.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.—2E12.2, 2E12.3.
○Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.; 50 Church St., New York 7, N. Y.—2E12.3, 2E12.5, 2E12.7.
○Master Sales & Service Corp., 125 Greenwood Ave., Wyncote, Pa.—2E12.12.
National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7, Ill.—2E12.2, 2E12.3.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2E12.1, 2E12.2, 2E12.3, 2E12.7.
Revere Copper and Brass, Inc., Edes Manufacturing Div., Plymouth, Mass.—2E12.1, 2E12.2, 2E12.3, 2E12.4, 2E12.5.
○Rolled Plate Metal Co., Div. Ball Brothers Co., Inc., 196 Van Brunt St., Brooklyn 31, N. Y.—2E12.1, 2E12.2, 2E12.3, 2E12.4, 2E12.5.

PLATING EQUIPMENT, CHROME 2E51
Hanson-Van Winkle-Munning Co., 100 Church St., Matawan, N. J.
Munning & Munning, Inc., 202 Emmet St., Newark 5, N. J.

POWDERING CABINET 2E45
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
○Master Sales & Service Corp., 125 Greenwood Ave., Wyncote, Pa.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Schmidt, H., & Co., 317 S. Paulina St., Chicago 12, Ill.

POWDER BURNING-IN STOVES
See Burning-In Stoves 2E2.

PRESSES, PROOF
See under Proof Presses 2E15.

PRINTING FRAMES 2E16
2E16.3 Curved.
2E16.1 Plain.
2E16.2 Vacuum.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—2E16.1, 2E16.2.
Anderson, Paul, Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio 9, Tex.—2E16.2.
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.—2E16.2.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.—2E16.1, 2E16.2.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2E16.1, 2E16.2.
Consolidated Intl. Equipment & Supply Co., 4501 S. Western Ave., Chicago 22, Ill.—2E16.2.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.—2E16.1, 2E16.2.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.—2E16.1, 2E16.2.
○Lanston Monotype Co., Div. Lanston Industries, Inc., G St. below Erie Ave., P. O. Box 4768, Philadelphia 34, Pa.—2E16.2.
Levy, Max, & Co., Wayne Ave. and Berkley St., Philadelphia 44, Pa.—2E16.2.
LogEtronics, Incorporated, 500 E. Monroe Ave., Alexandria, Va.—2E16.1.
○nuArc Company, Inc., 4110 W. Grand Ave., Chicago 51, Ill.—2E16.2.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2E16.1, 2E16.2.
Regan Industries, Inc., Graphic Arts Equipment Div., 1720 Marco Polo Way, Burlingame, Calif.—2E16.2, 2E16.3.
○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.—2E16.2.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.—2E16.2.
Tasope Company, The, Tasope Bldg., Aurora, Mo.—2E16.2
Unitronics Div., Lanston Industries, Inc., G St., below Erie Ave., P. O. Box 4768, Philadelphia 34, Pa.—2E16.2.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2E16.2.
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○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich. Automatic ink distributor for hand proof press.—2E15.1, 2E15.2.

Challenge®
for
PROOF PRESSES
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○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—2E15.2.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—2E15.2.
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○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2E15.1, 2E15.2.

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○Printing Machinery Co., 436 Commercial Sq., Cincinnati 2, O.
Taylor Machine Co., 1713 S. Clinton St., Baltimore 24, Md.

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Fototype, Incorporated, 1414 W. Roscoe St., Chicago 13, Ill.
Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y.

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○American Steel Chase Co., 31-31 48th Ave., Long Island City 1, N. Y.—2E18.1.
Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.
Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind.—2E18.1.
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○Morrison Company, The, 125 W. Melvina St., Milwaukee 12, Wis.—2E18.1, 2E18.2.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.—2E18.1.
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Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
○Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.—2E18.1.
Pitman, Harold M., Co., 3229 S. 51st Ave., Cicero 50, Ill.—2E18.1, 2E18.2.
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○Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.—2E18.1.
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- American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
- American Wood Products & Tool Supply, 705 Montclaire Ave., Edwardsville, Ill.—2E19.1.
- Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind.—2E19.1. Sharpening service.
- Brett Guard Co., 456 Nordhoff Place, Englewood, N. J.—Saw guard.
- Chapman Knives & Saws, Inc., 4040 Clayton, St. Louis, Mo.—2E19.1.
- Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2E19.1, 2E19.2, 2E19.4.
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- Eccles Saw & Tool Co., Inc., 3235 Enyart Avenue, Cincinnati 9, Ohio.—2E19.1.
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- Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.—2E19.2.
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- Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.—2E19.2.
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- Saw and Knife Specialty Co., 6526 Carnegie Ave., Cleveland 3, O.
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- Tesch Manufacturing Co., 2121 N. Drew St., Appleton, Wis.—2E19.2, 2E19.3.
- Treyco Products Co., 149 Longmeadow Rd., Buffalo 26, N. Y.
- Triumph Equipment Engineers, 6506 Walker St., Minneapolis 26, Minn.—2E19.2.
- Wardwell Manufacturing Co., 3805 Ridge Rd., Cleveland 9, O.—2E19.3.
- Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2E19.2.
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- Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
- Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

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- Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.
- Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
- Consolidated Intl. Equipment & Supply Co., 4501 S. Western Ave., Chicago 22, Ill.
- Craftsman Line-Up Table Corp., 49 River St., Waltham 54, Mass.
- Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
- General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
- Goodkin, The M. P., Co., Sub. Goodkin Mfg. Corp., 112-120 Arlington St., Newark 2, N. J.
- Lacey-Luci Products Co., 31 Central Ave., Newark 2, N. J.
- Leedal, Incorporated, 2929 S. Halstead St., Chicago 8, Ill.
- Master Etching Machine Co., 125 Greenwood Ave., Wyncote, Pa.
- nuArc Company, Inc., 4110 W. Grand Ave., Chicago 51, Ill.
- Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
- Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.
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- Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.
- ByChrome Company, Inc., P.O. Box 1077, Columbus 16, O.—2E22.5.
- California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2E22.1, 2E22.2, 2E22.3, 2E22.4, 2E22.5, 2E22.6, 2E22.7, 2E22.8, 2E22.9.
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- Craftint Manufacturing Co., The, 1615 Collamer Ave., Cleveland 10, O.—2E22.5, 2E22.10.
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- Di-Noc Chemical Arts, Inc., 1700 London Rd., Cleveland 12, O.—2E22.1, 2E22.6.
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- Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
- Du Pont, E. I., de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.—2E22.1, 2E22.2.
- Durol Company, Inc., P.O. Box 335, New Paltz, N. Y. Staging ink.
- Eastern Graphic Arts Supply Co., Inc., 509 W. 56th St., New York 19, N. Y.
- Eastern Newspaper Supply Inc., 9603 Northern Blvd., Corona 68, N. Y.
- Federated Metals Div., American Smelting and Refining Co., 120 Broadway, New York 5, N. Y.—2E22.8.
- General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
- Gevaert Co. of America, Inc., The, 321 W. 54th St., New York 19, N. Y.—2E22.3, 2E22.6.
- Haloid Xerox, Inc., 2 Haloid St., Rochester, N. Y.—2E22.1, 2E22.2.
- Miami Valley Coated Paper Co., Oxford Rd., Franklin, O.—2E22.10.
- Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn. Adhesive two side mounting film.
- Morningstar-Paisley, Inc., 630 W. 51st St., New York 19, N. Y.—2E22.7.
- National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7, Ill.—2E22.1, 2E22.2, 2E22.6.
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- Simplex Specialty Co., Inc., 116 W. 14th St., New York 11, N. Y.
- Star Cement Co., 11—39th St., Irvington, N. J.—2E22.7.
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- General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
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- Master Sales & Service Corp., 125 Greenwood Ave., Wyncote, Pa.—2E24.1, 2E24.2, 2E24.4.
- Miller-Trojan Company, Inc., 3 N. Ridge Ave., Troy, O.—2E24.1.
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- Tasope Company, The, Tasope Bldg., Aurora, Mo.—2E24.5.
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- Hoe, R., & Co., 910 E. 138th St., New York 54, N. Y.
- Master Sales & Service Corp., 125 Greenwood Ave., Wyncote, Pa.—T-squares.
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- Lacey-Luci Products Co., 31 Central Ave., Newark 2, N. J.
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- Macbeth Daylighting Co., Little Britain Rd., Newburgh, N. Y.
- Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
- Roloc, Incorporated, 4217 W. North Ave., Milwaukee 8, Wis.

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2F — Rubber Platemaking Index

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○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—2F7.

Doven Division, Appleton Machine Co., 618 S. Oneida St., P.O. Box 468, Appleton, Wis.

Econo Products, Inc., 132 Humboldt St., Rochester 10, N. Y.—**2F4, 2F5, 2F6.**

Electro-Copyst, Incorporated, 205 E. 42nd St., New York 17, N. Y.—2F3.

Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.—2F4.

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○Ideal Roller & Mfg. Co., Inc., 2512 W. 24th St., Chicago 8, Ill.—2F4, 2F8.

Lake Erie Machinery Corp., P.O. Box 68, Kenmore Sta., Buffalo 17, N. Y.—2F3.

Lockwood Company, The, 125 N. Fifth St., Atchison, Kan.—2F7.

Minnesota Mining & Mfg. Co., 900 Bush St., St. Paul 6, Minn. Adhesive two side mounting film.

○Monomelt Company, Inc., The, 1611 N. E. Polk St., Minneapolis 13, Minn.—2F3, 2F4, 2F7, 2F8.

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○Pasadena Hydraulics, Inc., 1433 Lidcombe, El Monte, Calif.—2F3.

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Process Color Plate Co., 1200 W. Monroe St., Chicago 7, Ill.—2F5.

Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.—2F3, 2F9, 2F11.

Quality Engraving & Electrotype Co., 436 Commercial Sq., Cincinnati 2, O.—2F5.

Reilly Electrotype Co., Div. of Electrographic Corporation, 305 E. 45th St., New York 17, N. Y.—2F5.

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Stereotype Equipment Co., 2061 Elston Ave., Chicago 14, Ill.—2F4, 2F8.

Studebaker Hydraulic Products Co., 2511 St. Charles Rd., Bellwood, Ill.—2F3.

Ti-Pi Company, 1000 Broadway, Kansas City 5, Mo.—**2F2, 2F4, 2F8.**

Westcott & Thomson, Inc., 1607 Arch St., Philadelphia 5, Pa.—2F5.

○Williamson & Company, Inc., P.O. Box 71, Caldwell, N. J.—2F3, 2F4, 2F7, 2F8, 2F11.

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○Wood Flong Corp., Davis St., Hoosick Falls, N. Y.—**2F4.**

Printing Production Filing System

2G — Stereotype Department Index

HOW TO USE THIS INDEX—This Stereotype Department Index is comprised of two parts. Immediately below is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically, and includes a cross-index of equipment and supplies. Products may be found by alphabetical reference either in the Key or in the Main Index. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

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- 2G1.2 Paste Materials

2G2 Beveling Machines

2G3 Blankets (Molding)
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○American Roller Co., 1342 N. Halsted St., Chicago 22, Ill.—2G1.2.
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
Arabol Manufacturing Co., 110 E. 42nd St., New York 17, N. Y.—2G1.1, 2G1.2.
○Booth, E. A., Rubber Co., 2855 Scarborough Rd., Cleveland Heights 18, O.—2G1.1.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.
Econo Products, Inc., 132 Humboldt St., Rochester 10, N. Y.—2G1.1.
Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O.
Green's Paste Works, 200 Liverpool Rd., Liverpool, N. Y.
Lox Manufacturing Co., 3310 E. 31st St., Kansas City 28, Mo.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn. Adhesive two side mounting film.
Morningstar-Paisley, Inc., 630 W. 51st St., New York 19, N. Y.
Star Cement Co., 11—39th St., Irvington, N. J.—2G1.1.
United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.

AD MATS
See under Mats and Matrix Papers, 2G18.

B

BAND SAWS
See under Sawing and Trimming Machinery 2G32.

BENCH GRINDERS
See Tool Grinding 2G36.

BEVELING MACHINES 2G2
Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
Royle, John, & Sons, 10 Essex St., Paterson 3, N. J.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

BLADES, SAWS
See under Sawing and Trimming Machinery 2G32.

BLANKETS (MOLDING) 2G3
2G3.1 Cork.
2G3.2 Fabric.
2G3.3 Fibre.
2G3.4 Rubber.
2G3.5 Rubber Creeper.
○American Publishers Supply Inc., P.O. Box 421, Lynnfield, Mass.—2G3.1, 2G3.2, 2G3.4.
Best, Edward H., & Co., 210 Lincoln St., Boston 5, Mass.—2G3.2.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif. — 2G3.1, 2G3.2, 2G3.3, 2G3.4, 2G3.5.
Carmichael Blanket Co., 973 Canterbury Rd., N.E., Atlanta 5, Ga.
○Certified Dry Mat Corp., 555 Fifth Ave., New York 17, N. Y.—2G3.1, 2G3.3, 2G3.4.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y. — 2G3.1, 2G3.2, 2G3.3, 2G3.4, 2G3.5.
Coyne & Paddock, Inc., 40-09—21st St., Long Island City 1, N. Y.—2G3.1, 2G3.3, 2G3.4, 2G3.5.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.—2G3.1, 2G3.2.
Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.—2G3.4, 2G3.5.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—2G3.1, 2G3.2, 2G3.3, 2G3.4, 2G3.5.
House, Chas. W., & Sons, Inc., 505 Fifth Ave., New York 17, N. Y.—2G3.2.
McHugh, J. Thomas, Co., 6800 E. 32nd St., Indianapolis 26, Ind.—2G3.4.
○Midwest Publishers Supply Co., 4500 W. Cermak Rd., Chicago 23, Ill.
New England Newspaper Supply Co., 164 Fremont St., Worcester 3, Mass.—2G3.1, 2G3.2, 2G3.3, 2G3.5.
○Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.—2G3.1, 2G3.2, 2G3.3, 2G3.4, 2G3.5.
United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.—2G3.4.

BOILER OR SCALE CLEANING COMPOUNDS 2G41
Timmons & Charles, 110 Academy St., Jersey City 2, N. J.

BORING MACHINES
See under Plate Shavers and Boring Machines 2G27.

BOXES, CASTING
See under Casting Boxes 2G6.

BOXES, CURVED PLATE
See under Casting Boxes 2G6.

C

CABINETS 2G5
Equipto, 401 S. Highland, Aurora, Ill.
Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.
○Hansen Metal Products Co., 7171 W. Bloomingdale Ave., Chicago 35, Ill.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
Penco Division, Alan Wood Steel Co., Oaks, Pa.
Petersen Manufacturing Co., 18 Sebago St., Clifton, N. J.
S & M Mfg. Co., 3155 Verdugo Rd., Los Angeles 65, Calif.
Thompson Cabinet Co., Laura St., Ludington, Mich.

CASTING BOXES 2G6
2G6.4 Cores.
2G6.1 Curved Plate.
2G6.2 Flat Plate.
2G6.3 Vacuum.
Crabtree, R. W., & Sons (Canada) Ltd., 629 Adelaide St., W., Toronto 1, Ontario, Can.—2G6.1.
Electric Heating Co., 8616 Madison Ave., South Gate, Calif.—2G6.1.
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—2G6.1, 2G6.2, 2G6.3.
○Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.—2G6.2.
Hartnett, R. W., Co., 1025 Cherry St., Philadelphia 7, Pa.—2G6.3.
○Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa.—2G6.1, 2G6.2, 2G6.3.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—2G6.1, 2G6.2, 2G6.3.
Inland Newspaper Machinery Corp., 1720 Cherry St., Kansas City 8, Kan.
Missouri Central Type Foundry, 705 E. Murdock St., P.O. Box 2066, Wichita 1, Kan.—2G6.2.
Newspaper Publishers Supply Co., 1639 N. Lorel Ave., Chicago 39, Ill.—2G6.1, 2G6.2.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.
○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J. —2G6.1, 2G6.2.
○Sta-Hi Corporation, 235 W. Washington Blvd., Whittier Calif.—2G6.2, 2G6.3.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2G6.1, 2G6.2.
Westcott & Thomson, 1027 Arch St., Philadelphia 5, Pa.—2G6.3.

CASTING BOX GAUGES
See under Gauges and Testing Instruments 2G14.

CASTING MACHINES 2G7
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
○Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
Newspaper Publishers Supply Co., 1639 N. Lorel Ave., Chicago 39, Ill.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.
○Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

CEMENT FOR CUTS
See under Adhesives 2G1.

CHASES
See Composing Room 1F.

CLEANERS FOR METAL
See Metal and Metal Flux 2G20.

COAL METAL MELTING DEVICES
See under Metal Melting Devices 2G21.

COLOR PLATE METAL
See Metal and Metal Flux 2G20.

COLOR PLATE REGISTER DEVICE
See Register Device for Color Plates 2G29.

CONTROL FOR MOTORS
See Motors and Controls 2G24.

CONVEYOR FOR PLATES
See Plate Conveyors 2G26.

CORK BLANKETS
See under Blankets 2G3.

CORRECTING MACHINES 2G8
Crabtree, R. W., & Sons (Canada) Ltd., 629 Adelaide St., W., Toronto 1, Ontario, Can.
Printing Plate Supply Co., 561 W. Washington St., Chicago 6, Ill.

CREEPERS, RUBBER
See under Blankets 2G3.

CURVED PLATE BORING MACHINES
See under Plate Shavers and Boring Machines 2G27.

CURVED PLATE CASTING BOXES
See under Casting Boxes 2G6.

CUT CEMENT
See under Adhesives 2G1.

D

DEPTH GAUGES
See under Gauges and Testing Instruments 2G14.

DIRECT PRESSURE PRESSES 2G10
Crabtree, R. W., & Sons (Canada) Ltd., 629 Adelaide St., W., Toronto 1, Ontario, Can.
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
Lake Erie Machinery Corp., P.O. Box 68, Kenmore Sta., Buffalo 17, N. Y.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
○Williamson & Company, Inc., P.O. Box 71, Caldwell, N. J.

DRILLING AND JIG SAW MACHINERY
See Jig Saws and Drills 2G16.

DRIVES FOR STEREOTYPE MACHINERY
See Motors and Controls 2G24.

DROP AND PLATE CONVEYORS
See Plate Conveyors and Drops 2G26.

DRY MATS
See under Mats and Matrix Papers 2G18.

E

ELECTRIC DRIVES FOR STEREOTYPE MACHINERY
See Motors and Controls 2G24.

ELECTRIC EYE METAL CONTROL
See under Metal Temperature Controls 2G22.

ELECTRIC IMMERSION HEATING ELEMENTS
See under Metal Melting Devices 2G21.

ELEMENTS, ELECTRIC IMMERSION HEATING
See under Metal Melting Devices 2G21.

ENLARGING GLASSES
See Magnifying and Reducing Glasses 2G17.

F

FABRIC BLANKETS
See under Blankets 2G3.

FIBRE BLANKETS
See under Blankets 2G3.

FINISHING EQUIPMENT, COMMERCIAL 2G11
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
○Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
Newspaper Publishers Supply Co., 1639 N. Lorel Ave., Chicago 39, Ill.

FLAT PLATE CASTING BOXES
See under Casting Boxes 2G6.

FLAT PLATE SHAVERS
See under Plate Shavers and Boring Machines 2G27.

FLUX FOR METALS
See Metal and Metal Flux 2G20.

FORMERS, PRE-SHRINKERS AND SCORCHERS 2G12
2G12.1 Formers.
2G12.2 Pre-shrinkers.
2G12.3 Scorchers.
Alico, Incorporated, Montague, Mass.—2G12.2.
○American Publishers Supply Inc., P.O. Box 421, Lynnfield, Mass.—2G12.3.
Crabtree, R. W., & Sons (Canada) Ltd., 629 Adelaide St., W., Toronto 1, Ontario, Can.—2G12.1.

○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.—2G12.3.
○Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.—2G12.3.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—2G12.3.
Industron Corporation, 55 Needham St., Newton Highlands 61, Mass.—2G12.3.
Inland Newspaper Machinery Corp., 1720 Cherry St., Kansas City 8, Kan.—2G12.1, 2G12.2.
○Midwest Publishers Supply Co., 4500 W. Cermak Rd., Chicago 23, Ill.
Newspaper Publishers Supply Co., 1639 N. Lorel Ave., Chicago 39, Ill.—2G12.2.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.—2G12.3.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
Printing Plate Supply Co., 561 W. Washington St., Chicago 6, Ill.—2G12.2.
○Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.—2G12.1, 2G12.2.
Stereotex Company, The, 33 Crescent Ave., Scituate, Mass.—2G12.1, 2G12.3.
○Tri-Q, Incorporated, 1911 Penn Mar Ave., El Monte, Calif.—2G12.1.

○Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.—2G12.3.

FORM TRUCKS
See under Trucks 2G37

FURNACES AND TOOLS 2G13
Electric Heating Co., 8616 Madison Ave., South Gate, Calif.
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
○Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.; 50 Church St., New York 7, N. Y.
Inland Newspaper Machinery Corp., 1720 Cherry St., Kansas City 8, Kan.
○Kemp, The C. M., Mfg. Co., 405 E. Oliver St., Baltimore 2, Md.
Newspaper Publishers Supply Co., 1639 N. Lorel Ave., Chicago 39, Ill.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.
Pittsburgh White Metals Co., 13 E. 37th St., New York 16, N. Y.
Surface Combustion Div. of Midland-Ross Corp., 2375 Dorr St., Toledo 1, O.
United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.
○Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

G

GAS IMMERSION METAL MELTING
See under Metal Melting Devices 2G21.

GAUGES AND TESTING INSTRUMENTS 2G14
2G14.1 Casting Box.
2G14.6 Contrastometer.
2G14.2 Depth.
2G14.3 Machine.
2G14.7 Optical Depthmeter.
2G14.4 Plate.
2G14.5 Type High.
Alico, Incorporated, Montague, Mass.—2G14.4, 2G14.5, 2G14.7.
○American Publishers Supply Inc., P.O. Box 421, Lynnfield, Mass.—2G14.2.
○Atlantic Numbering Machine Co., 47-02 18th Ave., Brooklyn 4, N. Y.—2G14.5.
Brown & Sharpe Mfg. Co., 230 Promenade St., Providence 1, R. I.—2G14.5.
○Capital Tool & Mfg. Co., 5000 Calvert Rd., College Park, Md.—2G14.4.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—2G14.5.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2G14.2.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.—2G14.2.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.—2G14.2.
Fisher Scientific Co., 711 Forbes Ave., Pittsburgh 19, Pa. Casting box temperature determining wax pencils.
Gaebel, Arthur H., Inc., P.O. Box 3, Larchmont, N. Y.—2G14.2, 2G14.7.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—2G14.1, 2G14.3, 2G14.4, 2G14.5.
Lake Erie Machinery Corp., P.O. Box 68, Kenmore Sta., Buffalo 17, N. Y.—2G14.4.
Nolan Machinery Co., Port St., Pulaski, N. Y.—2G14.5.
Pittsburgh White Metal Co., 13 E. 37th St., New York 16, N. Y.—2G14.5.
Testing Machines, Inc., 72 Jericho Turnpike, Mineola, L. I., N. Y.
Unitronics Div., Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.—2G14.7.
○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.—2G14.4, 2G14.5.
Weston Instruments, Sub. of Daystrom, Inc., 614 Frelinghuysen Ave., Newark 12, N. J.

GLASSES, MAGNIFYING AND REDUCING
See Magnifying and Reducing Glasses 2G17.

GRINDERS FOR TOOLS
See Tool Grinding 2G36.

GRINDING MACHINES FOR SAWS
See Composing Room 1Z.

GUMMED TAPE
See under Supplies 2G24.

H

HEATING ELEMENTS, ELECTRIC IMMERSION
See under Metal Melting Devices 2G21.

HUMIDORS 2G15
○American Publishers Supply Inc., P.O. Box 421, Lynnfield, Mass.

○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.

HURDY-GURDIES
See Correcting Machines 2G8.

HYDRAULIC MATRIX PRESSES
See Direct Pressure Matrix Presses 2G10.

I

IMMERSION GAS METAL MELTING
See under Metal Melting Devices 2G21.

IMMERSION, HEATING ELEMENTS, ELECTRIC
See under Metal Melting Devices 2G21.

J

JIG SAWS AND DRILLING 2G16
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
○Morrison Co., The, 125 W. Melvina St., Milwaukee 12, Wis.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
○Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.
Royle, John, & Sons, 10 Essex St., Paterson 3, N. J.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

L

LADLES
See under Tools 2G35.

LETTERS FOR REVERSE STEREOTYPING 2G40

LIFT TRUCKS
See under Trucks 2G37.

LOCKERS, CLOTHING
See Composing Room 1OO.

M

MACHINES, CORRECTING
See Correcting Machines 2G3.

MACHINES FOR BORING
See Plate Shavers and Boring Machines 2G27.

MACHINES FOR CASTING
See Casting Machines 2G7.

MAGNIFYING AND REDUCING GLASSES 2G17
Abbeon Supply Co., 179-15 Jamaica Ave., Jamaica 32, N. Y.
Bache, Semon & Co., Greenwich and Morton Sts., New York 14, N. Y.
Bausch & Lomb Optical Co., 651-61 Bausch, Rochester, N. Y.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.
Gaebel, Arthur H., Inc., P.O. Box 3, Larchmont, N. Y.
Mark Specialty Co., 183 St. Paul St., Rochester 4, N. Y.
Ortleb Machinery Co., 3818 Laclede Ave., St. Louis 8, Mo.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Zeiss, Carl, Inc., 485 Fifth Ave., New York 17, N. Y.

MAT FORMERS
See Formers and Scorchers 2G12.

MAT HUMIDORS
See Humidors 2G15.

MAT ROLLING MACHINES
See Rollers, Mat 2G30.

MAT SCORCHERS
See Formers and Scorchers 2G12.

MAT SHEARS
See Mat Trimmers 2G19.

MAT TRIMMERS 2G19
○American Publishers Supply Inc., P.O. Box 421, Lynnfield, Mass.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
○Midwest Publishers Supply Co., 4500 W. Cermak Rd., Chicago 23, Ill.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
Printing Plate Supply Co., 561 W. Washington St., Chicago 6, Ill.
○Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.
United Stereotype Supply Corp., P.O. Box 38, West Lynn, Mass.

MATRIX PAPERS
See under Mats and Matrix Papers 2G18.

MATRIX PRESSES, HYDRAULIC
See Direct Pressure Matrix Presses 2G10.

MATS AND MATRIX PAPERS 2G18
2G18.4 Ad Mats.
2G18.1 Dry Mats.
2G18.2 Matrix Papers.
2G18.6 Packless.
2G18.3 Special Process.
2G18.5 Syndicate Mats.
○American Publishers Supply, Inc., P.O. Box 421, Lynnfield, Mass.
○Beveridge Paper Co., New Products Div., 705 W. Washington St., Indianapolis 4, Ind.—2G18.1, 2G18.6.
○Burgess Cellulose Co., Foot of Exchange St., Freeport, Ill.—2G18.1, 2G18.3, 2G18.4, 2G18.5, 2G18.6.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2G18.1, 2G18.2, 2G18.3, 2G18.4, 2G18.5.
○Certified Dry Mat Corp., 555 Fifth Ave., New York 17, N. Y.—2G18.1, 2G18.3, 2G18.4, 2G18.5, 2G18.6.
○Color Production Service, Inc., 250 Park Ave., New York 17, N. Y.—2G18.3.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.—2G18.1, 2G18.2, 2G18.4, 2G18.5.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.—2G18.2.
New England Newspaper Supply Co., 164 Fremont St., Worcester 3, Mass.—2G18.2.
Stereotex Company, The, 33 Crescent Ave., Scituate, Mass.—2G18.6.
Tenak Products Co., 2615 N. Paulina St., Chicago 14, Ill.—2G18.6.
○Wood Flong Corp., Davis St., Hoosick Falls, N. Y.—2G18.1, 2G18.3, 2G18.4, 2G18.5, 2G18.6.
Wyomissing Paper Products, Div. Narrow Fabric Co., Tuckerton Road, Reading, Pa.—2G18.4.

MELTING DEVICES FOR METAL
See Metal Melting Devices 2G21.

METAL AND METAL FLUX 2G20
American Solder & Flux Co., 19th & Willard Sts., Philadelphia 40, Pa.
Federated Metals Div., American Smelting and Refining Co., 120 Broadway, New York 5, N. Y.
○Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.; 50 Church St., New York 7, N. Y.
National Lead Co., 111 Broadway, New York 6, N. Y.
Pittsburgh White Metal Co., 13 E. 37th St., New York 16, N. Y.
Somerset Type Metal Co., 1220 Pennsylvania Ave., San Francisco 7, Calif.
United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

METAL CONTROL, ELECTRIC EYE
See under Metal Temperature Controls 2G22.

METAL MELTING DEVICES 2G21
2G21.1 Coal.
2G21.2 Immersion, Electric.
2G21.3 Immersion, Gas.
2G21.4 Oil.
Acme Electric Heating Corp., 97-99 Reading St., Boston 19, Mass.—2G21.2.
○American Publishers Supply Inc., P.O. Box 421, Lynnfield, Mass.
Electric Heating Co., 8616 Madison Ave., Southgate, Calif.—2G21.2, 2G21.3.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.—2G21.2.
○Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
○Kemp, The C. M., Mfg. Co., 405 E. Oliver St., Baltimore 2, Md.—2G21.2, 2G21.3.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.
Selas Corp. of America, Dresher, Pa.—2G21.3.
United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J.
○Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

METAL TEMPERATURE CONTROLS 2G22
2G22.1 Electric Eye.
2G22.2 Pyrometers.
2G22.3 Thermometers.
Bristol Company, The, P.O. Box 1790, Waterbury 20, Conn.—2G22.2, 2G22.3.
Electric Heating Co., 8616 Madison Ave., South Gate, Calif.
Fenwall, Incorporated, Pleasant St., Ashland, Mass.—2G22.3.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—2G22.2.
Illinois Testing Laboratories, Inc., 420 N. LaSalle St., Chicago 10, Ill.—2G22.2.
Partlow Corporation, 2 Campion Road, New Hartford, N. Y.
Precision Thermometer & Instrument Co., 1434 Brandywine St., Philadelphia 30, Pa.—2G22.3.
Pyrometer Instrument Co., Inc., 92 Portland St., Bergenfield, N. J.—2G22.2, 2G22.3.
Taylor Instrument Companies, 95 Ames St., Rochester 1, N. Y.—2G22.3.
Tork Time Controls, Inc., 52 McQuesten Parkway, Mt. Vernon, N. Y.
United Stereotype Supply Corp., P.O. Box 38, West Lynn, Mass.—2G22.3.
Weston Instruments, Sub. of Daystrom, Inc., 614 Frelinghuysen Ave., Newark 12, N. J.—2G22.2, 2G22.3.

MILLING MACHINES FOR PLATES
See Plate Shavers and Boring Machines 2G27.

MOISTENERS 2G23
○Midwest Publishers Supply Co., 4500 W. Cermak Rd., Chicago 23, Ill.

MORTISING MACHINERY
See Jig Saws and Drills 2G16.

MOTORS AND CONTROLS 2G24
○Cutler-Hammer, Incorporated, 315 N. 12th St., Milwaukee 1, Wis.
○General Electric Co., Apparatus Sales Div., One River Road, Schenectady 5, N. Y.
Northwestern Electric Co., 1750 N. Springfield Ave., Chicago 47, Ill.
Reliance Electric & Engineering Co., 24701 Euclid Ave., Cleveland 17, O.
Tri-Par Controls, 9353 Seymour Ave., Schiller Park, Ill.
U. S. Electrical Motors, Inc., Los Angeles 54, Calif.

MOUNTING MATERIALS
See Photoengraving 2E1.

O

OIL METAL MELTING DEVICES
See under Metal Melting Devices 2G21.

P

PACKING STRIPS
See under Supplies 2G34.

PAPERS, MATRIX
See Mats and Matrix Papers 2G18.

PARTING POWDER
See under Supplies 2G34.

PASTE MATERIALS
See under Adhesives 2G1.

PHOTO-ELECTRIC METAL CONTROL
See under Metal Temperature Controls 2G22.

PLANERS FOR PLATES
See Plate Shavers, Boring Machines and Planers 2G27.

PLASTIC MATS
See under Mats and Matrix Papers 2G18.

PLATE BEVELERS
See Beveling Machines 2G2.

PLATE CONVEYORS AND DROPS 2G36
Gifford-Wood Company, One Hudson Ave., Hudson, N. Y.
○Jampol Corporation, The, 728—61st St., Brooklyn 20, N. Y.
Lamson Corporation, 250 Lamson St., Syracuse 1, N. Y.
○Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J.

PLATE CORRECTING MACHINES
See Correcting Machines 2G8.

PLATE GAUGES
See under Gauges and Testing Instruments 2G14.

PLATE MOUNTING EQUIPMENT 2G38
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.
○Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.
○Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.
○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.
○Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.

PLATE PLANERS
See under Plate Shavers and Boring Machines 2G27.

PLATE PRE-MAKEREADY 2G42
Bishop Stansell Co., P.O. Box 35, W. Carrollton, O.
Lake Shore Electrotype Div., Electrographic Corp., 1224 W. Van Buren St., Chicago 7, Ill.
Reilly Electrotype Co., Div. of Electrographic Corporation, 305 E. 45th St., New York 17, N. Y.—2G42.

PLATE ROUTERS
See Routing Machines 2G31.

PLATE SHAVERS, BORING MACHINES AND PLANERS 2G27
2G27.1 Curved.
2G27.2 Flat.
2G27.3 Plate Scarfer.
○Carlson, Chesley F., Co., 2240 Edgewood Ave., Minneapolis 26, Minn.—2G27.2.
Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.—2G27.1, 2G27.2, 2G27.3.
Crabtree, R. W., & Sons (Canada) Ltd., 629 Adelaide St. W., Toronto 1, Ontario, Can.—2G27.1, 2G27.2.
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—2G27.1, 2G27.2, 2G27.3.
○Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.
○Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa.—2G27.1.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
○Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.—2G27.2.
Newspaper Publishers Supply Co., 1639 N. Lorel Ave., Chicago 39, Ill.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
Printing Plate Supply Co., 561 W. Washington St., Chicago 6, Ill.
○Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.
○Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.—2G27.2.
Stereotex Company, The, 33 Crescent Ave., Scituate, Mass.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2G27.1, 2G27.2, 2G27.3.
○Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.—2G27.3.

PLATE SHEAR 2G43
Newspaper Publishers Supply Co., 1639 N. Lorel Ave., Chicago 39, Ill.

PLATE STRAIGHTENING MACHINES
See Correcting Machines 2G8.

PLATE TRUCKS
See under Trucks 2G37.

PLATING EQUIPMENT 2G28
Hanson-Van Winkle-Munning Co., 100 Church St., Matawan, N. J.
Munning & Munning, Inc., 202 Emmet St., Newark 5, N. J.
Prenco Engineering Corp., 6435 N. Central Ave., Chicago 46, Ill.

POWDER, PARTING
See under Supplies 2G34.

PRESSES, DIRECT PRESSURE
See Direct Pressure Matrix Presses 2G10.

PYROMETERS
See under Metal Temperature Controls 2G22.

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REDUCING GLASSES
See Magnifying and Reducing Glasses 2G17.

REFORMING MACHINES 2G39
Bishop Stansell Co., P.O. Box 35, W. Carrollton, O.
○Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.

REGISTER DEVICE FOR COLOR PLATES 2G29
Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
○Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
○Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.
○Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

REMELTING TOOLS
See Furnaces and Tools 2G13.

ROASTERS FOR MATS
See Formers and Scorchers 2G12.

ROLLERS, MAT 2G30
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.

ROUTING MACHINES AND BITS 2G31
2G31.4 Bit Grinder.
2G31.2 Bits.
2G31.1 Machines.
2G31.3 Shell Plate Finisher.
○American Publishers Supply, Inc., P.O. Box 421, Lynnfield, Mass.—2G31.1, 2G31.2.
○American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.—2G31.1.
Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind.—2G31.1.
○Carlson, Chesley F., Co., 2240 Edgewood Ave., Minneapolis 26, Minn.—2G31.3.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—2G31.1.
Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.—2G31.1.
Crabtree, R. W., & Sons (Canada) Ltd., 629 Adelaide St. W., Toronto 1, Ontario, Can.—2G31.1.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.—2G31.1, 2G31.2.
Gay-Lee Company, 71 W. Fourteen Mile Rd., Clawson, Mich.—2G31.2.
○Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.—2G31.1.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—2G31.1.
Korn, Henry P., Associated, Inc., 5 Beekman St., New York 38, N. Y.—2G31.1.
○Midwest Publishers Supply Co., 4500 W. Cermak Rd., Chicago 23, Ill.
○Morrison Co., The, 125 W. Melvina St., Milwaukee 12, Wis.—2G31.1.
Newspaper Publishers Supply Co., 1639 N. Lorel Ave., Chicago 39, Ill.—2G31.1, 2G31.2.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.—2G31.1, 2G31.3.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.—2G31.1.
○Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.—2G31.1.
○Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.—2G31.1.
Royle, John, & Sons, 10 Essex St., Paterson 3, N. J.—2G31.1, 2G31.2.
○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.—2G31.1.
○Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.—2G31.1, 2G31.4.
Tarpley, Geo., Co., P.O. Box 245, Chesterland, O.—2G31.2.
Tasope Company, The, Tasope Bldg., Aurora, Mo.
○Tri-Q, Incorporated, 1911 Penn Mar Ave., El Monte, Calif.—2G31.4.

○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2G31.1, 2G31.4.

RUBBER BLANKETS
See under Blankets 2G3.

RUBBER CREEPERS
See under Blankets 2G3.

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SAFETY CANS
See Composing Room 1Y.

SAWING AND TRIMMING MACHINERY 2G32
2G32.1 Band Saws.
2G32.3 Saw Blades.
2G32.2 Saws.
2G32.4 Trimmers.
○American Publishers Supply, Inc., P.O. Box 421, Lynnfield, Mass.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—2G32.2, 2G32.3, 2G32.4.
American Wood Products & Tool Supply, 705 Montclair Ave., Edwardsville, Ill.—2G32.3.
Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind.—2G32.3.
Brett Guard Co., 456 Nordhoff Place, Englewood, N. J. Saw guard.
Chapman Knives & Saws, Inc., 4040 Clayton, St. Louis 10, Mo.—2G32.2, 2G32.3.
DoAll Company, The, 254 N. Laurel Ave., Des Plaines, Ill.—2G32.1, 2G32.2, 2G32.3.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.
Eccles Saw & Tool Co., Inc., 3235 Enyart Avenue, Cincinnati 9, Ohio.—2G32.3.
Gay-Lee Company, 71 W. Fourteen Mile Rd., Clawson, Mich.—2G32.3.
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—2G32.2, 2G32.4.
○Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.

○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—2G32.2.
○Midwest Publishers Supply Co., 4500 W. Cermak Rd., Chicago 23, Ill.
○Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.
○Morrison Company, The, 125 W. Melvina St., Milwaukee 12, Wis.—2G32.2, 2G32.4.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.—2G32.2.
North American Products Corp., 707 Bartley St., Jasper, Ind.—2G32.3.
Ostrander Seymour Co., The, 1710 N 25th Ave., Melrose Park, Ill.
○Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.—2G32.4.
○Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.
○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.—2G32.1.
Royle, John, & Sons, 10 Essex St., Paterson 3, N. J.
Saw and Knife Specialty Co., 6526 Carnegie Ave., Cleveland 3, O.
Sharp Tool Service Co., 5401 W. Lake St., Chicago 44, Ill.—2G32.2.
Simonds Saw & Steel Co., 470 Main St., Fitchburg, Mass.—2G32.2.
Super Speed Printing Machinery, Inc., 742 Sherman St., Chicago 5, Ill.—2G32.2.
Tesch Manufacturing Co., 2121 N. Drew St., Appleton, Wis.—2G32.4.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2G32.2, 2G32.4.
Wescott & Thomson, Inc., 1027 Arch St., Philadelphia 5, Pa.—2G32.2, 2G32.4.

SAW SHARPENING MACHINES
See Composing Room 1Z.

SAW SWAGING MACHINES
See Composing Room 1Z.

SCORCHERS
See Formers and Scorchers 2G12.

SHARPENING MACHINES FOR SAWS
See Saws, Planers, Saw Sharpeners 1Z.

SHAVERS, PLATE
See under Plate Shavers and Boring Machines 2G27.

SHEARS FOR MATS
See Mat Trimmers 2G19.

STEAM TABLES 2G33
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.

STEREOTYPE CHASES
See Chases, Quoins and Lockup Devices 1F.

STEREOTYPE METAL
See Metal and Metal Flux 2G20.

STRIPS FOR PACKING
See under Supplies 2G34.

SUPPLIES 2G34
2G34.1 Gummed Tape.
2G34.2 Packing Strips.
2G34.3 Parting Powder.
○American Publishers Supply, Inc., P.O. Box 421, Lynnfield, Mass.—2G34.1, 2G34.2.
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
○Burgess Cellulose Co., Foot of Exchange St., Freeport, Ill.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2G34.1, 2G34.2, 2G34.3.
○Certified Dry Mat Corp., 555 Fifth Ave., New York 17, N. Y.—2G34.1, 2G34.2.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.—2G34.1, 2G34.2.
Dom, G. C., Supply Co., 424 Commercial Sq., Cincinnati 2, O.—2G34.1, 2G34.2, 2G34.3.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.
Irwin Manufacturing Co., Inc., Main St., Garland, Pa. Basswood blocks.
○Midwest Publishers Supply Co., 4500 W. Cermak Rd., Chicago 23, Ill.
New England Newspaper Supply Co., 164 Fremont St., Worcester 3, Mass.—2G34.2.
Star Cement Co., 11—39th St., Irvington, N. J.—2G34.1.
United Stereotype Supply Co., P.O. Box 38, West Lynn, Mass.—2G34.2.
○Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

SYNDICATE MATS
See under Mats and Matrix Papers 2G18.

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TABLES, COOLING
See Cooling Tables 2G9.

TABLES, STEAM
See Steam Tables 2G33.

TAPE, GUMMED
See under Supplies 2G34.

TEMPERATURE INDICATORS
See under Metal Temperature Controls 2G22.

THERMOMETERS
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TIME CLOCKS, RECORDERS
See Miscellaneous 8J.

TISSUE FOR MATRIX
See under Mats and Matrix Papers 2G18.

TOOLS 2G35
○American Publishers Supply, Inc., P.O. Box 421, Lynnfield, Mass.
Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
○Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.; 50 Church St., New York 7, N. Y.
New England Newspaper Supply Co., 164 Fremont St., Worcester 3, Mass.
○Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

TOOL GRINDING 2G36
○Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.

TRIMMERS FOR MATS
See Mat Trimmers 2G19.

TRIMMERS FOR SAWS
See under Sawing and Trimming Machinery 2G32.

TRIMMING AND SAWING MACHINERY
See under Sawing and Trimming Machinery 2G32.

TRUCKS 2G37
2G37.1 Form.
2G37.3 Lift.
2G37.2 Plate.
○American Publishers Supply, Inc., P.O. Box 421, Lynnfield, Mass.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.
Electric Heating Co., 8616 Madison Ave., South Gate, Calif.—2G37.3.
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—2G37.1.
Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O.—2G37.3.
Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.—2G37.3.
Moore, Jack, 560 Eastland Rd., Berea, O. — 2G37.1, 2G37.2, 2G37.3.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.—2G37.1, 2G37.2.
Revolvator Company, Tonnele Ave., North Bergen, N. J.—2G37.3.
○Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.—2G37.1, 2G37.2, 2G37.3.
Thompson Cabinet Co., Laura St., Ludington, Mich. — 2G37.1, 2G37.2.
Webb Machine Works, 1314 Headley St., Shreveport, La.—2G37.2.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2G37.1.

TYPE HIGH GAUGES
See under Gauges and Testing Instruments 2G14.

V

VACUUM CASTING BOXES
See under Casting Boxes 2G6.

W

WET MATS
See under Mats and Matrix Papers 2G18.

Printing Production **Filing System**

2H — Plastic Platemaking Index

HOW TO USE THIS INDEX—This Plastic Platemaking Index is comprised of two parts. At left is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically. Products may be found by alphabetical reference either in the Key or in the Main Index. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

○ **Indicates advertiser. See Advertisers' Index, Pages B-C-D.**

KEY FOR PLASTIC PLATEMAKING INDEX

2H4 Ameripol.
2H6 Chemigum.
2H5 Koroseal.
2H8 Plate Molding Equipment.
2H3 Resinous Matrices.
2H7 Vinylite.

2H4 Ameripol.
Econo Products, Inc., 132 Humboldt St., Rochester 10, N. Y.

2H6 Chemigum.
Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass. Synthetic rubber and cement for making hand stamps and rubber plates.

2H5 Koroseal.
Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O.

2H8 Plate Molding Equipment.
American Evatype Corp., 749 Osterman Ave., Deerfield, Ill.
Electro-Copyst, Incorporated, 205 E. 42nd St., New York 17, N. Y.
Lake Erie Machinery Corp., P.O. Box 68, Kenmore Sta., Buffalo 17, N. Y.
○Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.
○Pasadena Hydraulics, Inc., 1433 Lidcombe, El Monte, Calif.
Stereotype Equipment Co., 2062 Elston Ave., Chicago 14, Ill.
Studebaker Hydraulic Products Co., 2511 St. Charles Rd., Bellwood, Ill.
○Williamson & Company, Inc., P.O. Box 71, Caldwell, N. J.

2H3 Resinous Matrices.
Econo Products, Inc., 132 Humboldt St., Rochester 10, N. Y.
○Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.
○Williamson & Company, Inc., P.O. Box 71, Caldwell, N. J.
Wilsolite Corporation, 1827 Niagara St., Buffalo 7, N. Y.

2H7 Vinylite.
○Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.
○Williamson & Company, Inc., P.O. Box 71, Caldwell, N. J.

***Printing Production* Filing System**

3—Paper and Printing Stock Index

Paper Trade Name Index

(Companies listed are manufacturers, suppliers and dealers indiscriminately)

In compiling this index PRINTING PRODUCTION has exercised every precaution to see that all names and addresses published in this index are correct according to the information furnished. For this reason, we cannot be responsible for errors or omissions.

In this *Paper Trade Name Index,* the Paper Company names and addresses are listed in alphabetical order. Each alphabetical section of the listing is headed with a bold face capital letter.

Preceding the company names are bold face numbers (1 through 124). These bold face numbers identify the company names. For example: 62—Mead Papers, Inc., etc., means that the bold face number 62 always represents Mead Papers, Inc.

Following each company name will be found one or more combination figure-and-letter symbols which represent the kinds of paper stock listed in this index. Example: 62— Mead Papers, Inc., 118 W. First St., Dayton 2, O.—3B, 3D, 3E, 3F, 3J, 3K, 3L, 3Q, 3S, 3U, 3V, 3AA, 3BB, 3HH.

PAPER TRADE NAME INDEX

The Trade Names are listed in alphabetical sequence. Each alphabetical section is headed with a bold face capital letter. Preceding the Trade Names are bold face numbers. These bold face numbers identify the company distributing paper under that individual Trade Name.

Following each Trade Name will be found one or more combination figure-and-letter symbols which represent the kinds of paper stock produced under that Trade Name. These symbols are explained in the accompanying *Key for Paper and Printing Stock Index.*

To illustrate how the system works, we will assume that you wish to determine the source of supply for Innovation brand. Referring to this name in the alphabetically arranged *Paper Trade Name Index,* the reference is as follows:

62—Innovation—3F.

The bold face 62 represents Mead Papers, Inc., as will be found in the alphabetical listing of company names. This company is the source of supply. The light face 3F refers to the kind of paper produced under the Innovation Trade Name. By referring to the *Key for Paper and Printing Stock Index,* we find this is a Bristol paper.

KEY FOR PAPER AND PRINTING STOCK INDEX

3UU	Bible	3L	Cover	3DD	Metallic or Foil	3JJ	Pressure Sensitive
3A	Binders Board	3HH	Duplicator	3BB	Mimeograph	3OO	Publication
3B	Blanks	3AA	Envelope	3P	Newsprint	3U	Rotogravure
3C	Blotting	3NN	Fluorescent	3Q	Offset	3V	Specialty
3D	Bond and Ledger	3SS	Greeting Card	3LL	Onion Skin	3W	Stereotype
3E	Book	3M	Gummed	3R	Parchment	3X	Tag
3F	Bristol	3TT	Heat Seal	3G	Plastic	3KK	Tape (Pressure sensitive)
3H	Acetate	3Z	Kraft	3CC	Plastic Coated	3EE	Tissue
3MM	Carbon	3QQ	Label and Lining	3S	Postcard	3Y	Tympan
3J	Coated Board	3FF	Mailing	3T	Press Board	3RR	Vellum
3K	Coated Paper	3GG	Manifold				
		3N	Manila				

COMPANY NAMES WITH KEYS FOR PAPER AND PRINTING STOCK

A

1—Aetna Paper Co. Div., Howard Paper Mills, Inc., 115 Columbia St., Dayton, O.—3D, 3E, 3V, 3HH.

113—Aluminum Co. of America, 1501 Alcoa Bldg., Pittsburgh 19, Pa.—3DD.

119—American Tape Co., 4058 Beaufait Ave., Detroit 7, Mich.—3KK.

4—American Writing Paper Corp., 10 Eagle-A Ave., Holyoke, Mass.—3D, 3E, 3F, 3L, 3Q, 3S, 3V, 3BB, 3GG.

5—Appleton Coated Paper Co., 825 E. Wisconsin Ave., Appleton, Wis.—3D, 3E, 3F, 3J, 3K, 3L, 3Q, 3S, 3V, 3X, 3Z, 3DD.

B

O10—Beveridge Paper Co., New Products Div., 705 W. Washington St., Indianapolis 4, Ind.—3B, 3F, 3J, 3V.

116—Brown, L. L. Paper Co., Commercial St., Adams, Mass.—3D, 3F, 3L, 3R, 3V, 3AA, 3GG.

11—Brown-Bridge Mills, Inc., E. Water St., Troy, O.—3M, 3V.

C

14—Cantine, Martin, Co., Saugerties, N. Y.—3K, 3Q, 3V.

18—Champion Paper & Fibre Co., The, 601 North B. St., Hamilton, O.—3D, 3E, 3F, 3K, 3L, 3Q, 3S, 3T, 3V, 3X, 3AA, 3BB, 3SS.

19—Chemical Fine Paper & Board Div., Standard Packaging Corp., 642 Main St., Holyoke, Mass.—3D, 3E, 3F, 3J, 3L, 3R, 3V, 3GG, 3LL.

22—Consolidated Water Power & Paper Co., Box 50, Wisconsin Rapids, Wis.—3E, 3K, 3L, 3Q, 3U, 3V.

O121—Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.—3N, 3KK, 3W, 3Y.

24—Crocker, Burbank Papers, Inc., 545 Westminster St., Fitchburg, Mass.—3E, 3K, 3Q, 3U, 3V.

25—Crocker-McElwain Co., Div. Chemical Paper Mfg. Corp., Holyoke, Mass.—3D, 3E, 3F, 3G, 3V, 3R, 3Q.

26—Cromwell Paper Co., The, 180 N. Wabash, Chicago 1, Ill.; 1000 Nottingham Way, Trenton, N. J.—3Y.

124—Curtis Paper Co., Newark, Del.—3E, 3L, 3V.

D

31—Dayton Envelope Co., Div. Howard Paper Mills, Inc., 115 Columbia St., Dayton 7, O.—3AA.

27—Dennison Manufacturing Co., 300 Howard St., Framingham, Mass.—3M, 3X.

E

O125—Eastern Fine Paper and Pulp Div., Standard Packaging Corp., Bangor, Me. — 3D, 3L, 3Q, 3V, 3AA, 3BB, 3HH.

32—Ecusta Paper Div., Olin Mathieson Chemical Corp., Pisgah Forest, N. C.—3E, 3V, 3EE, 3MM, 3UU.

33—Esleeck Manufacturing Co., Canal St., Turners Falls, Mass.—3GG, 3LL.

F

47—Fasson Products, 250 Chester St., Painesville, O.—3JJ.

126—Finch, Pruyn & Co., Inc., Glen Falls, N. Y.—3D, 3Q, 3BB, 3HH.

35—Fox River Paper Corp., 401 S. Appleton St., Appleton, Wis.—3D, 3F, 3AA, 3LL.

36—Fraser Paper, Ltd., 420 Lexington Ave., New York 17, N. Y.—3D, 3K, 3Q, 3U, 3V, 3AA, 3BB, 3GG, 3HH.

G

38—Gilbert Paper Co., 330 Ahnaip St., Menasha, Wis.—3D, 3F, 3L, 3V, 3LL.

H

42—Hammermill Paper Co., 1472 E. Lake Rd., Erie 6, Pa.—3D, 3E, 3F, 3L, 3Q, 3S, 3V, 3AA, 3BB, 3CC, 3HH.

127—Hollingsworth & Whitney, Div. of Scott Paper Co., Chester, Pa.—3F, 3S, 3X, 3RR.

46—Howard Paper Co. Div., Howard Paper Mills, Inc., Urbana, O.—3D, 3V, 3BB, 3HH.

I

48—International Paper Co., 220 E. 42nd St., New York 17, N. Y.—3D, 3E, 3F, 3N, 3P, 3Q, 3S, 3U, 3X, 3BB, 3GG, 3HH.

K

51—KVP Sutherland Paper Co., The, Kalamazoo, Mich.—3D, 3Q, 3R, 3GG.

53—Kimberly-Clark Corp., Neenah, Wis.—3D, 3E, 3F, 3G, 3K, 3L, 3Q, 3U, 3V, 3BB, 3HH, 3LL.

117—Kleen-Stik Products, Inc., 7300 W Wilson Ave., Chicago, Ill.—3DD, 3JJ.

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56—Link Paper Co., 45 Cedar Lane, Englewood, N. J.—3V.

57—Linton Bros. & Co., Div. of Crocker, Burbank Papers, Inc., 545 Westminster St., Fitchburg, Mass.—3B, 3E, 3F, 3Q, 3X.

58—Ludlow Papers, Div. of Ludlow Corporation, Ware, Mass.—3M, 3DD.

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60—Maxwell Paper Co. Div., Howard Paper Mills, Inc., Franklin, O.—3D, 3Q, 3V, 3BB, 3HH.

62—Mead Papers, Inc., 118 W. First St., Dayton 2, O.—3B, 3D, 3E, 3F, 3J, 3K, 3L, 3Q, 3S, 3U, 3V, 3AA, 3BB, 3HH.

63—Miami Valley Coated Paper Co., Oxford Rd., Franklin, O.—3D, 3E, 3F, 3J, 3K, 3L, 3S, 3V, 3X, 3AA, 3CC, 3DD, 3HH.

65—Mid-States Gummed Paper Div. of Minnesota Mining & Mfg. Co., 6850 S. Harlem Ave., Bedford Park, Ill.—3V, 3JJ, 3TT.

68—Mitchell-Rand Insulation Co., 51 Murray St., New York, N. Y.—3Y.

2—Morgan Adhesives Co., 4560 Darrow Rd., Stow, O.—3JJ.

70—Munising Division, The, Kimberly-Clark Corp., Munising, Mich.—3D, 3E, 3G, 3Q, 3V, 3BB, 3CC, 3HH.

N

71—Nashua Corporation, 44 Franklin St., Nashua, N. H.—3M, 3U, 3V, 3DD, 3TT.

123—Nashua Package Sealing Div., Nashua Corporation, 44 Franklin St., Nashua, N. H.—3M, 3DD.

O128—National Cash Register Co., Dayton 9, O.—3V.

73—Neenah Paper Co., Neenah, Wis.—3D, 3F, 3V, 3LL.

74—Nekoosa-Edwards Paper Co., Port Edwards, Wis.—3D, 3Q, 3V, 3BB, 3GG, 3HH.

72—New York & Pennsylvania Co., 425 Park Ave., New York 17, N. Y.—3D, 3E, 3K, 3Q, 3U, 3AA, 3BB, 3HH.

75—Northwest Paper Co., Cloquet, Minn.—3D, 3E, 3F, 3L, 3Q, 3S, 3V, 3AA, 3BB, 3HH.

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76—Oxford Paper Co., 235 Park Ave., New York 17, N. Y.—3E, 3K, 3Q, 3U, 3V, 3BB, 3HH.

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O77—Paper Manufacturers Co., 9800 Bustleton Ave., Philadelphia 15, Pa.—3M, 3V, 3DD, 3FF, 3TT.

78—Parker, Joseph, & Son Co., Inc., 1155 Whalley Ave., New Haven 15, Conn.—3C.

80—Paterson Parchment Paper Co., Bristol, Pa.—3R, 3V, 3Y.

118—Paterson Pacific Parchment Co., 1400 Kifer Rd., Sunnyvale, Calif.—3R, 3V.

84—Port Huron Sulphite & Paper Co., Port Huron, Mich.—3D, 3V, 3EE, 3GG, 3MM.

85—Price Brothers & Co., Ltd., Quebec City, Quebec, Canada—3P.

R

89—Riegel Paper Corp., 260 Madison Ave., New York 16, N. Y.—3F, 3J, 3K, 3L, 3T, 3V, 3X, 3Y, 3Z, 3CC.

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94—Strathmore Paper Co., Front St., West Springfield, Mass.—3D, 3E, 3F, 3L, 3Q, 3R, 3V, 3EE.

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95—Tileston & Hollingsworth, 211 Congress St., Boston 10, Mass.—3D, 3E, 3F, 3L, 3Q, 3BB.

96—Transilwrap Company, 4427 N. Clark St., Chicago 47, Ill.—3G.

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99—Valley Paper Co., Holyoke, Mass.—3D, 3F, 3V, 3LL.

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100—Warren, S. D., Co., 89 Broad St., Boston, Mass. Central Mill, 2400 Lake Shore Dr., Muskegon, Mich.—3E, 3J, 3K, 3L, 3Q, 3S, 3V.

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102—Western States Envelope Co., 1616 W. Pierce St., Milwaukee 46, Wis.—3AA.

104—West Virginia Pulp and Paper Co., 230 Park Ave., New York 17, N. Y.—3D, 3E, 3F, 3J, 3K, 3L, 3Q, 3S, 3T, 3U, 3V, 3X, 3Z, 3AA, 3BB, 3HH, 3OO, 3QQ.

105—Wheelwright Div., Mead Papers, Inc., Leominster, Mass.—3B, 3F, 3L.

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104—Westvaco—3D, 3E, 3F, 3J, 3K 3L 3M, 3N, 3Q, 3S 3T, 3V, 3X, 3AA, 3BB 3CC.
62—Wheelwright—3F.
42—Whippet — 3D, 3BB, 3HH
57—Whitag—3X.
38—White Cloud—3V.
48—Winn—3E
73—Wisdom—3D.
95—WoCoat 3V.
75—Wonderwhite—3L, 3Q.
5—Woodbine Colored—3K.
5—Woodbine Cover—3L.
5—Woodbine Duplex—3K.
62—Wood Grain—3L.
60—Workwell—3D, 3BB.
48—Wytek—3D.

Z

14—Zena—3K.
14—Zenagloss Offset—3Q.
54—Zenith—3Q.

Common Envelope Styles and Sizes

Information and illustrations courtesy Wolf Envelope Co., Cleveland, O.

Styles and sizes of envelopes presented in this section should serve only as a guide and not as the selection available from an envelope manufacturer. Envelope styles and sizes can be manufactured in practically any manner desired by the customer. Sizes and styles as presented here are representative of envelopes available in most lines.

COMMERCIALS AND OFFICIALS

5 —3 1/16 in. by 5½ in.
6¼—3½ in. by 6 in.
6¾—3⅝ in. by 6½ in.
7 —3¾ in. by 6¾ in.
7¾—3⅞ in. by 7½ in.
(Monarch)—
3⅞ in. by 7½ in.
8⅝—3⅝ in. by 8⅝ in.
9 —3⅞ in. by 8⅞ in.
10 —4⅛ in. by 9½ in.
11 —4½ in. by 10⅜ in.
12 —4¾ in. by 11 in.
14 —5 in. by 11½ in.

BANKERS FLAP ENVELOPES

7 ¾—3⅞ in. by 7½ in.
9 —3⅞ in. by 8⅞ in.
10 —4⅛ in. by 9½ in.
10½—4½ in. by 9½ in.
11 —4½ in. by 10⅜ in.
12 —4¾ in. by 11 in.
14 —5 in. by 11½ in.
16 —6 in. by 12 in.

OPEN END—COIN

00 —1 11/16 in. by 2¾ in.
1 —2¼ in. by 3½ in.
3 —2½ in. by 4¼ in.
4 —3 in. by 4½ in.
4½—3 in. by 4⅞ in.
4¾—3⅛ in. by 4¾ in.
5 —2⅞ in. by 5¼ in.
5½—3⅛ in. by 5½ in.
6 —3⅜ in. by 6 in.
7 —3½ in. by 6½ in.

OPEN END—CATALOG

0 —5⅝ in. by 8⅝ in.
1 —6 in. by 9 in.
—6¼ in. by 9¼ in.
1½ —6¼ in. by 9½ in.
1¾ —6½ in. by 9½ in.
2 —6½ in. by 10 in.
3 —7 in. by 10 in.
3½ —7 in. by 10½ in.
6 —7½ in. by 10½ in.
—8 in. by 11 in.
8 —8¼ in. by 11¼ in.
9½ —8½ in. by 10½ in.
9¾ —8¾ in. by 11¼ in.
10½—9 in. by 12 in.
12½—9½ in. by 12½ in.
13½—10 in. by 13 in.
—11¼ in. by 14¼ in.
14½—11½ in. by 14½ in.

OPEN END—POLICY

9 —4 in. by 9 in.
10—4⅛ in. by 9½ in.
11—4½ in. by 10⅜ in.
12—4¾ in. by 10⅞ in.
14—5 in. by 11½ in.

OPEN SIDE—DRUGS

1—1¾ in. by 2⅞ in.
2—2 1/16 in. by 3½ in.
3—2 5/16 in. by 3⅝ in.

OPEN SIDE—PAY

2—2½ in. by 4¼ in.

OPEN SIDE—THEATRE

3—1 15/16 in. by 4 7/16 in.

OPEN SIDE—BARONIAL

4 —3⅝ in. by 4 11/16 in.
5 —4⅛ in. by 5⅛ in.
5½—4⅜ in. by 5⅝ in.
5¾—4⅝ in. by 5 15/16 in.
6 —5 in. by 6 in.

OPEN SIDE—CARD

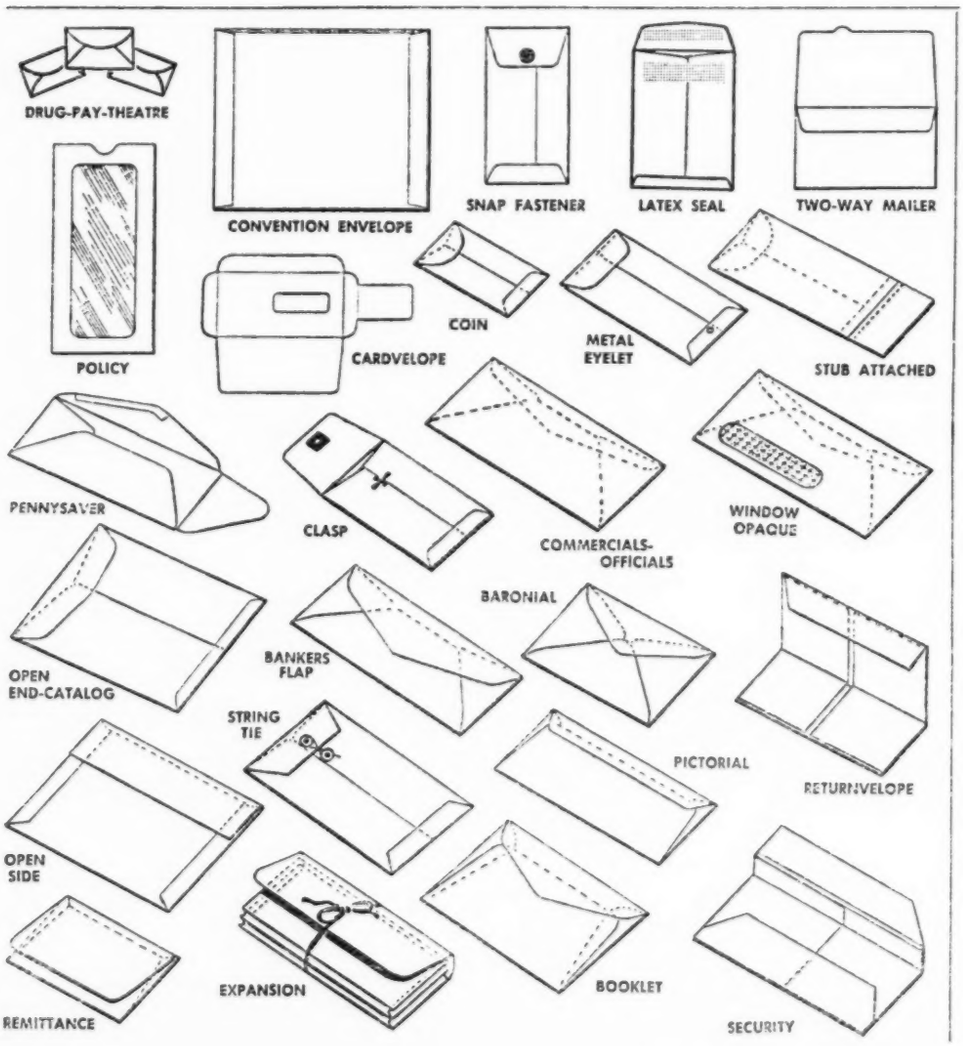
5 —4½ in. by 5½ in.
5⅛—4½ in. by 5¾ in.

OPEN SIDE—BOOKLET

1 —3¾ in. by 6¾ in.
2 —4 in. by 5⅝ in.
2½—4½ in. by 5⅞ in.
3 —4¾ in. by 6½ in.
4 —4¼ in. by 9⅝ in.
5 —5½ in. by 8⅛ in.
6 —5¾ in. by 8⅞ in.
6½—6 in. by 9 in.
7 —6¼ in. by 9⅝ in.
7½—7½ in. by 10½ in.
8 —8 in. by 11⅛ in.
9—8¾ in. by 11½ in.
10—9½ in. by 12⅝ in.

OPEN END—CLASP ENVELOPES

2½ in. by 4¼ in.
3⅛ in. by 5½ in.
3⅜ in. by 6 in.
4 in. by 6⅜ in.
3⅞ in. by 7½ in.
4½ in. by 10⅜ in.
4⅝ in. by 6¾ in.
4⅞ in. by 7¼ in.
5 in. by 7½ in.
5 in. by 11½ in.
5⅜ in. by 7½ in.
5¼ in. by 8 in.
5½ in. by 8¼ in.
6 in. by 9 in.
6¼ in. by 9½ in.
6½ in. by 9½ in.
6½ in. by 10 in.
7 in. by 10 in.
7 in. by 10½ in.
7½ in. by 10½ in.
8 in. by 11 in.
8½ in. by 11½ in.
8¾ in. by 11¼ in.
9 in. by 12 in.
9½ in. by 12½ in.
9¼ in. by 14½ in.
10 in. by 12 in.
10 in. by 13 in.
10 in. by 15 in.
11½ in. by 14½ in.
12 in. by 15½ in.



Bold face figures are basic weights. Light face figures are comparative weights.

COMPARATIVE WEIGHT AND THICKNESS TABLE

Thicknesses are approximate according to the general classification of finishes.

	COMPARATIVE WEIGHTS													APPROXIMATE THICKNESSES						
	17X22		20X26		22½X35		25½X30½		24X36		25X38		1,000 Sq. In. 1,000 Sheets	High Gloss	Coated	Plated	Smooth	Vellum	Antique	Rough
	Ream	1,000 Sheets	Ream	1,000 Sheets	Ream	1,000 Sheets	Ream	1,000 Sheets	Ream	1,000 Sheets	Ream	1,000 Sheets								
BUSINESS PAPERS	7	14											37					.0012	.0013	
	7½	15											40					.0014	.0015	
	8	16									20	41	43			.0011	.0013	.0015	.0016	
	9	18							21	42	23	46	48			.0012	.0014	.0017	.0018	
BASIS 17X22	10	20							23	46	25	51	53				.0016	.0019	.0020	
	11	22							25	51	28	56	59				.0018	.0021	.0023	
	13	26							30	60	33	66	70				.0021	.0025	.0027	
	14	28							32	65	36	71	75				.0023	.0027	.0029	.0036
	16	32							37	74	41	81	66				.0026	.0031	.0033	.0041
	18	36							42	83	46	91	96					.0035	.0037	.0045
	20	40							46	92	51	102	107			.0027	.0032	.0039	.0042	
	24	48							55	111	61	122	128			.0032	.0038	.0047	.0050	
	28	56							65	129	71	142	150				.0045	.0055	.0058	
	32	64	44	89					74	148	81	163	171		.0038		.0052	.0062	.0067	
	36	72	50	100					83	166	92	183	193				.0058	.0070	.0075	
	40	80	56	111					92	185	102	204	214				.0065	.0078	.0083	
COVER PAPERS	29	58	40	80					67	133	73	147	154				.0046	.0056	.0060	
	36	72	50	100					83	167	92	184	192	.0048		.0054	.0058	.0070	.0075	.0094
			60	120	91	182	90	180	100	200	110	219	231		.0056					
BASIS 20X26			65	130	99	197	97	195	108	216	119	238	250			.0062	.0075	.0092	.0097	.0116
			80	160	121	242	120	240	133	266	147	295	308		.0072	.0077	.0093	.0113	.0120	.0154
			90	180	137	273	135	270	150	300			346			.0090	.0106	.0130	.0135	
			100	200	151	302	150	300	167	333			385		.0092	.0096	.0116	.0140	.0150	
			130	260	197	394	195	390	217	433			500				.0150	.0184	.0190	
MILL BRISTOL BASIS 22½X35			60	120	90	180	89	178	99	198	109	218	229		.0055	.0064	.0069	.0084	.0090	
			66	133	100	200	99	197	109	218	121	241	254		.0061	.0071	.0076	.0093	.0100	
			80	159	120	240	118	236	132	263	144	288	305		.0073	.0085	.0092	.0111	.0120	
			93	186	140	280	139	267	154	307	169	338	356		.0085	.0100	.0107	.0130	.0140	
			106	213	160	320	158	316	175	350			406	.0100	.0097	.0114	.0122	.0148	.0160	
			119	138	180	360	178	356	197	394			457		.0110	.0128	.0137	.0167	.0180	
			132	264	200	400	198	395	220	440			508		.0122	.0142	.0153	.0185	.0200	
			145	290	220	440			242	484			558		.0134	.0156	.0167	.0204	.0220	
INDEX BRISTOL BASIS 25½X30½			60	120	91	182	90	180	100	199	110	120	231				.0080	.0084		
			74	147	111	223	110	210	122	244	135	269	282				.0096	.0104		
			94	187	142	284	140	280	155	310	171	342	360				.0132	.0140		
			114	227	172	344	170	340	188	376			437				.0144	.0160		
NEWSPRINT, POSTER, MANILA AND TAG	9	17							20	40	22	44	46				.0014	.0017	.0018	
	10	19							22½	45	25	50	52				.0015	.0019	.0020	
	11	22							25	50	28	55	58				.0017	.0021	.0022	
	12	23							27	54	30	59	61				.0018	.0022	.0024	
	13	26							30	60	33	66	69				.0020	.0025	.0027	
	14	28							32	64	35	71	74				.0022	.0027	.0029	
BASIS 24X36	15	30							35	70	39	77	81				.0024	.0029	.0034	.0038
	17	35							40	80	44	88	93				.0028	.0034	.0036	.0043
	22	43							50	100	55	110	116				.0035	.0042	.0045	.0055
	26	52	36	72					60	120	66	132	138				.0041	.0050	.0054	.0063
	30	62	42	84					70	140	78	154	162				.0049	.0059	.0063	.0075
	35	69	48	96					80	160	88	176	185				.0056	.0067	.0072	.0086
			60	120	91	182	90	180	100	200	110	220	231			.0058	.0070	.0085	.0090	
			74	147	114	228	113	226	125	250	138	276	289			.0072	.0087	.0106	.0113	
			90	181	137	274	135	270	150	300	165	330	347			.0085	.0103	.0126	.0134	
			120	240	183	266	180	360	200	400			462		.0105	.0115	.0140	.0170		
					220	456			250	500			579		.0132	.0145	.0175	.0205		
									300	600			694		.0160	.0175	.0220	.0240		
BOOK PAPERS	8	16									20	40	42				.0012	.0015		
	9	19							22	44	24	48	50				.0015	.0018		
	12	23							27	54	30	60	63				.0018	.0022		
	13	25							29	58	32	64	67				.0020	.0024	.0026	
BASIS 25X38	14	28							32	64	35	70	74			.0018	.0022	.0027	.0029	
	16	31							36	72	40	80	84			.0020	.0025	.0031	.0034	
	18	35							41	82	45	90	95		.0021	.0023	.0028	.0035	.0037	
	20	39							45	91	50	100	105		.0023	.0026	.0031	.0038	.0041	
	24	47							54	109	60	120	126		.0028	.0031	.0038	.0046	.0050	
	28	55							64	127	70	140	147	.0031	.0034	.0037	.0044	.0054	.0058	.0068
	31	62	44	88					73	145	80	160	168	.0035	.0040	.0042	.0050	.0059	.0065	0078
	35	71	49	94					82	163	90	180	190		.0046	.0047	.0057	.0065	.0074	
	39	78	55	109					92	184	100	200	211	.0048	.0052	.0054	.0063	.0071	.0082	.0098
			66	131	99	199	98	197	109	218	120	240	253		.0060	.0063	.0076	.0082	.0100	
			82	164	124	248	123	246	136	273	150	300	316		.0072	.0079	.0095	.0106	.0123	.0146

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REPRINTED FROM PIA's BOOK "A COURSE IN ESTIMATING"

PAPER TROUBLES CHART FOR LITHOGRAPHIC PRESSMEN

TROUBLE	TERM	CAUSE	POSSIBLE CURE
1 The image across the back edge of the sheet is wider than across the front.	Fanning	Moisture is unbalanced. Sheet edges have more moisture than interior of sheet. Ends of sheets are wavy.	Paper must be conditioned to obtain even moisture throughout the sheet. Infrared lamps at feeder may help.
2 The image across the back edge of the sheet is shorter than across the front.	Draw-in	Moisture is unbalanced. Sheet edges have less moisture than interior of sheet. Tight edges.	Same as above. Preconditioned paper, kept wrapped until run, will give less trouble.
3 Wrinkles starting back from the center of the sheet and running to the back edge.	Back Edge Wrinkle	An extreme of No. (1). Sheet is badly out of moisture balance and is crowded into a wrinkle.	Same as above. Sometimes banks of infrared lamps directed on sides of pile in feeder will help.
4 Wrinkles starting back from front edge with a tendency to curve.	Center Wrinkle	An extreme of No. (2). The sheet is badly out of moisture balance and baggy in the center.	Condition paper to get more moisture into edges. In emergency, place piles in a vapor filled room for an hour.
5 Sheet stretches excessively around cylinder. Difficult register and backup.	Around cylinder stretch	A sheet that is too dry when it goes to press will absorb enough moisture to make it stretch.	Paper should have higher moisture content than the air in which it is run. For better register run first color short.
6 Whole sheet stretches excessively across the cylinder affecting register and perfect backup.	Across cylinder stretch	Running grain short paper causes a sideways stretch as it picks up moisture.	Register jobs should never be run on grain short paper. In emergency condition paper to 10% R.H. above that of pressroom air.
7 Paper goes out and causes misregister between colors or between front and backup.	Between printings stretch	Piles of paper awaiting a second pass through a press can pick up or lose moisture at edges.	Keep such piles covered between printings if the pressroom is not fully air-conditioned.
8 Sheets do not register properly even when press guides are in perfect condition.	Back end misregister	On feed-roll presses the gripper edges of the sheet can cause misregister if it is trimmed with a bow.	When purchasing paper for feed-roll presses always specify a straight gripper edge. In emergency, retrim paper.
9 Sheet has straight gripper and goes into guides satisfactorily. But distortion and misregister occurs on some sheets.	Distortion	Side of sheet rubs the side guide stop. Sheet is not square or plate is cocked toward side guide.	When purchasing paper for a side stop that does not move out of the way, specify cut square paper. Cock plate away from side guide.
10 Paper curls in delivery and prevents good jogging.	Curl	Thin sheets of coated one side paper will curl with any change in moisture content.	Such paper should be carefully conditioned and then run with a minimum of moisture on the plate.

Litho Paper Troubles Chart

TROUBLE	TERM	CAUSE	POSSIBLE CURE
11 A troublesome curl develops across the back of the sheet, preventing good jogging.	Tail Hook	Paper, and particularly coated paper adheres strongly to the blanket. As it is peeled off, a curl is developed.	Use a hard, nontacky blanket, soften the ink and reduce back pressure to a minimum.
12 Small areas of coating or paper surface rises and forms blisters in solids.	Blister	The paper surface is too weak to resist the tack of the ink being used.	Do same as above and if that does not work use a paper with higher pick strength.
13 Flecks of paper or coating lift off the sheet and adhere to the blanket.	Pick	This is an extreme condition of No. (12). The ink is too tacky or the stock too weak.	Same as above. When you can go no further with ink and pressure, different paper must be used.
14 Fine particles adhere to blanket and plate, requiring frequent stops for cleaning blanket and plate.	Dust	Slitter dust sometimes lodges between the sheets at the mill. Trimming with a dull knife also causes dust.	Specify paper must be free of dust when ordering. Use sharp knife when trimming. Vacuum sheet cleaners will help.
15 A whitish deposit builds up on the blanket and wears the plate. Frequent stops for cleaning are required.	Blanket scum	The coating lacks moisture resistance. It softens and adheres to the blankets.	This is a mill fault and paper should be returned. Use a plate that requires less moisture. Try another blanket.
16 Ink on coated paper offsets in delivery and in the finishing operations.	Offsetting (coated)	An ink with very low penetrating power or too little setting characteristic will cause offset.	Test porosity of paper coating before adjusting ink. Add body reducer or more driers. Use spray.
17 Ink on uncoated paper offsets to the sheet above in the delivery and in the finishing operations.	Offsetting (uncoated)	Some uncoated papers have such low absorbing qualities that the ink sets before the vehicle is absorbed.	Soften the ink slightly so that faster penetration takes place. Allow more drying time. In emergency print a size over image.
18 Sheets cling together in feeder and delivery making feeding and jogging very difficult.	Static	Friction will build up static in dry paper. The sheets cling together and cause trouble.	Raise the humidity of the pressroom and the paper. If this is not practical use a good static neutralizer.
19 Unwanted spots occur on the sheets, mostly in the solids. Some are rings, others white flecks.	Hickies	Bits of paper on the plate or blanket will cause white spots. Other dirt makes rings.	Identify particles and find source. Examine fountain and rollers for dried ink particles. Paper and dampeners for fibers.
20 A tint forms all over the plate but can be removed with the water sponge.	Emulsification	Paper sometimes contributes to tinting through ink emulsification. Too much wetting agent in the coating can be the cause.	Make a foam test of the paper coating. If the paper is at fault, take it up with the suppliers.
21 Plate and dampening procedure are good but the ink requires excessive time to dry.	Slow drying	A low pH of the paper coating will retard drying of ink. Paper with a high humidity also slows drying.	Try to obtain paper with a coating pH above 8.0. Use less acid in the fountain. Condition paper to a lower humidity.

Courtesy Lithographic Div., New York Employing Printers Assn., Inc.

***Printing Production* Filing System**

4 — Paper Cutting and Processing Index

HOW TO USE THIS INDEX—This Paper Cutting and Processing Index is comprised of two parts. Immediatly below is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically, and includes a cross-index of equipment and supplies. Products may be found by alphabetical reference either in the Key or in the Main Index. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

KEY FOR PAPER CUTTING AND PROCESSING INDEX

4A Card Cutters, Rotary

4B Envelope Making Machines

4H Gauges and Testing Instruments
- 4H4 Bursting
- 4H2 Ink Penetration
- 4H1 Micrometers
- 4H6 Moisture
- 4H5 Opacity
- 4H3 Tearing
- 4H7 Thickness

4L Hoists and Cranes

Jogging Machines—See Pressroom 5Z

4E Laminating Machines

4J Paper Coloring Machines

4C Paper Conditioning Equipment

4G Paper Conveying Equipment

4F Paper Cutters and Trimmers
- 4F11 Angle Cutting Gauge
- 4F1 Automatic
- 4F2 Cutting Sticks
- 4F7 Grinding Wheels
- 4F3 Hand
- 4F10 Hold Down Clamp
- 4F5 Knife Grinding
- 4F4 Knives
- 4F6 Power
- 4F8 Rotary Cutters
- 4F9 Safety Guards

4D Paper Handling Trucks
- 4D8 Bindery
- 4D1 Elevating
- 4D6 Hand
- 4D2 Lift
- 4D3 Paper Roll
- 4D4 Paper Stock
- 4D7 Skid Lift
- 4D5 Skids or Platforms

Round Corner Cutters See Bindery 6U

4L Sharpening (Slitters and Perforators)

4K Sheeters

PAPER CUTTING AND PROCESSING MAIN AND CROSS-INDEX

O Indicates advertiser. See Advertisers' Index, Pages B-C-D.

A

AIR CONDITIONING
See Air Conditioning Equipment and Supplies 8A.

AUTOMATIC CUTTERS
See under Paper Cutters and Trimmers 4F.

B

BALING PRESSES
See Waste Paper Balers 8L.

C

CARD CUTTERS, ROTARY 4A

CELLULOSE LAMINATING MACHINES
See Laminating Machines 4E.

CONDITIONING EQUIPMENT FOR PAPERS
See Paper Conditioning Equipment 4C.

CONTINUOUS TRIMMERS
See Bindery 6F.

CUTTERS, PAPER
See Paper Cutters and Trimmers 4F.

CUTTERS, ROUND CORNER
See Bindery 6U.

CUTTING STICKS
See under Paper Cutters and Trimmers 4F.

D

DIE CUTTING PRESSES
See Pressroom 5M.

DECKLING, PEBBLING AND ROUGHING MACHINES
See Bindery 6OO.

DRILLING AND DRILL SLOTTING MACHINES
See Bindery 6H.

E

ELEVATING TRUCKS
See under Paper Handling Trucks 4D.

ENVELOPE MAKING MACHINES 4B

Smithe, F. L., Machine Co., Inc., 645 W. 44th St., New York 36, N. Y.

Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St Paul 14, Minn.

F

FEATHER EDGING MACHINES
See under Deckling, Pebbling and Roughing Machines 6OO.

FORMERS, ENVELOPE
See under Envelope Making Machines 4B.

G

GAUGES AND TESTING INSTRUMENTS 4H
- 4H4 Bursting.
- 4H2 Ink Penetration.
- 4H1 Micrometers.
- 4H6 Moisture.
- 4H5 Opacity.
- 4H3 Tearing.
- 4H7 Thickness.

Alico, Incorporated, Montague, Mass.—4H7.

Amthor Testing Instrument Co., Inc., 45 Van Sinderen Ave., Brooklyn 7, N. Y.—4H3, 4H4, 4H7.

Bausch & Lomb Optical Co., 65161 Bausch, Rochester, N. Y.—4H5.

Bristol Company, The, P.O. Box 1790, Waterbury 20, Conn.—4H6.

Cady, E. J., & Co., 630 N. Harlem Ave., River Forest, Ill.—4H1, 4H4.

Cambridge Instrument Co., Inc., 420 Lexington Ave., New York 17, N. Y.—4H6.

Hart, Raymond S., Inc., 336 W. Islip Blvd., West Islip, N. Y.—4H6.

Minden Paper Gauge Co., Inc., 230 W. 41st St., New York 36, N. Y.—4H1, 4H4, 4H7.

Perkins, B. F., & Son Inc., P.O. Box 388, Holyoke, Mass.—4H4.

Speedflex Corporation, 117 West Ninth St., Los Angeles 15, Calif.—4H1.

Starrett, L. S., Co., Crescent St., Athol, Mass.—4H1, 4H7.

Testing Machines, Inc., 72 Jericho Turnpike, Mineola, L. I., N. Y.—4H1, 4H2, 4H3, 4H4.

Weston Instruments, Sub. of Daystrom, Inc., 614 Frelinghuysen Ave., Newark 12, N. J.—4H6.

GRINDING MACHINES FOR PAPER CUTTER KNIVES
See under Paper Cutters and Trimmers 4F.

H

HAND PAPER CUTTERS
See under Paper Cutters and Trimmers 4F.

HOISTS AND CRANES 4L

Beacon Machinery, Inc., 31st and Tudor Sts., P.O. Box 188, East St. Louis 17, Ill.

Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.

Manning, Maxwell & Moore, Inc., Shaw-Box Crane & Hoist Div., W. Broadway, Muskegon, Mich.

J

JOGGING MACHINES
See Pressroom 5Z.

K

KNIFE GRINDING MACHINES FOR PAPER CUTTERS
See under Paper Cutters and Trimmers 4F.

KNIVES FOR PAPER CUTTERS
See under Paper Cutters and Trimmers 4F.

L

LAMINATING MACHINES 4E

Haida Engineering Co., 34-11 Vernon Blvd., Long Island City 6, N. Y.

Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.

Inta-Roto Machine Co., Inc., P.O. Box 454, Byrd Airport, Richmond 3, Va.

Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.

Moore, Kenneth J., & Co., 1778 W. Estes Ave., Chicago 26, Ill.

O Potdevin Machine Co., 297 North St., Teterboro, N. J.

Precise Engineering Co., E. Main St., P.O. Box 128, Huntley, Ill.

Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St. Paul 14, Minn.

Waldron-Hartig Div., Midland-Ross Corp., P.O. Box 791, New Brunswick, N. J.

LIFT TRUCKS
See under Paper Handling Trucks 4D.

N

NEWSPRINT ROLL TRUCKS
See under Paper Handling Trucks 4D.

P

PAGING AND NUMBERING MACHINES
See Bindery 6P.

PAPER COLORING MACHINES 4J

Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.

Stone, Thos. and Geo. M., Inc., 1413 Chestnut Ave., Hillside 5, N. J.—Applicator rolls.

PAPER CONDITIONING EQUIPMENT 4C
Also see Air Conditioning 8A.

Acme Gear & Machine Co., Seventh and Wood Sts., Philadelphia 6, Pa.

Bahnson Company, The, 1001 S. Marshall St., Winston-Salem, N. C.

Carrier Corporation Carrier Pkwy., Syracuse, N. Y.

Murray, D. J., Mfg. Co., 1002 Third St., Wausau, Wis.

Paasche Airbrush Co., 1909 Diversey Pkwy., Chicago 14, Ill.

Parks-Cramer Company, Newport St., Fitchburg, Mass.

Southworth Machine Co., 30 Warren Ave., Portland 5, Me.

York Corporation, Sub. of Borg Warner Corp., Grantley Rd., York, Pa.

PAPER CONVEYING EQUIPMENT 4G

○Jampol Corporation, The, 728—61st St., Brooklyn 20, N. Y.

Link-Belt Co., Prudential Plaza, Chicago 1, Ill.

Wiretyer Corporation, 65 Lellarts Lane, East Paterson, N. J.

PAPER CUTTERS AND TRIMMERS 4F

4F11 Angle Cutting Gauge.
4F1 Automatic.
4F2 Cutting Sticks.
4F7 Grinding Wheels.
4F3 Hand.
4F10 Hold Down Clamps.
4F4 Knives.
4F5 Knife Grinding.
4F6 Power.
4F8 Rotary Cutters.
4F9 Safety Guards.

Addressograph-Multigraph Corp., 1200 Babbitt Rd., Cleveland 17, O.—4F3.

○**American Type Founders, Inc.** 200 Elmora Ave., Elizabeth, N. J.—4F1, 4F2, 4F3, 4F4, 4F6.

Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.—4F1.

Beck, Charles, Machine Corp., 42 Church Rd., King of Prussia, Pa.—4F8, 4F11.

○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—4F1, 4F2, 4F3, 4F4, 4F6, 4F9.

Challenge®
for
POWER AND LEVER
PAPER CUTTERS
19" through 37"
See your local Challenge Dealer

○Chambersburg Lumber Co., College and Scotland Aves., Chambersburg, Pa.—4F2.

Chandler & Price Co., The, 6000 Carnegie Ave., Cleveland 3, O.—4F1, 4F3, 4F4, 4F6.

Chapman Knives & Saws, Inc., 4040 Clayton, St. Louis 10, Mo.—4F2, 4F4.

Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.

○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.—4F2, 4F4.

Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass.

Crawley Book Machinery Co., 328 Keturah St., Newport, Ky.—4F1, 4F6, 4F8.

Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.—4F1.

Dietz Machine Works, Inc., 20 W. Berkley St., Philadelphia 44, Pa.—4F8.

Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.—4F8.

Disston Division, H. K. Porter Co., Inc., Unruh and Milnor Sts., Philadelphia 35, Pa.—4F4.

Eccles Saw & Tool Co., Inc., 3235 Enyart Ave., Cincinnati 9, Ohio.—4F2, 4F4.

Ever Ready Machinists, Inc., 137 W. 19th St., New York 11, N. Y.—4F2, 4F3.

Fate-Root-Heath Company, Grinder Div., 234 High St., Plymouth, O.—4F5.

Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.—4F1.

Gardner Adjustable Quad Guide Co., 389 Northumberland Ave., Redwood City, Calif.—4F10.

○Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—4F1, 4F2, 4F4, 4F6.

Hickok, W. O., Mfg. Co., Ninth and Cumberland Sts., Harrisburg, Pa.—4F5.

Hobbs Manufacturing Co., 26 Salisbury St., Worcester 5, Mass.—4F3.

○Ideal Roller & Mfg. Co., Inc., 2512 W. 24th St., Chicago 8, Ill.—4F2.

Irwin Manufacturing Co., Inc., Main St., Garland, Pa.—4F2.

Kellett Company, 640 S. Miller St., Chicago 7, Ill.—4F2, 4F4, 4F5.

Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.—4F1, 4F2, 4F3, 4F4, 4F6, 4F9, 4F10, 4F11.

Michael Lith Sales Corp., 145 W. 45th St., New York 36, N. Y.

Missouri Central Type Foundry, 705 E. Murdock St., P.O. Box 2066, Wichita 1, Kan.—4F3, 4F6.

Northern Machine Works, 323 N. Fourth St., Philadelphia, Pa.

Ohio Knife Co., The, B. & O. Railway and Dreman Ave., Cincinnati 23, O.—4F4.

Packer Manufacturing Co., Box 788, Green Bay Wis.

Paper Converting Machine Co., 2300 S. Ashland Ave., Green Bay, Wis.—4F8.

Rogers, Samuel C., & Co., Inc., 2070 Sheridan Dr., Buffalo 23, N. Y.—4F5, 4F7.

S & W. Machine Co., 26 Vine St., Cincinnati 2, O.—4F4.

Saw & Knife Specialty Co., 6526 Carnegie Ave., Cleveland 3, O.—4F4, 4F5.

Sharp Tool Service Co., 5401 W. Lake St., Chicago 44, Ill.—4F2, 4F4.

○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.—4F.

Simonds Saw and Steel Co., 470 Main St., Fitchburg, Mass.—4F4.

Simonds Worden White Co., Summit St. at Negley Place, Dayton 7, O.—4F4.

Southworth Machine Co., 30 Warren Ave., Portland 5, Me.—4F8.

Thompson Cabinet Co., Laura St., Ludington, Mich.—4F2.

Tolerton Company, 265 N. Freedom St., Alliance, O.—4F2.

Wapakoneta Machine Co., Wapakoneta, O.—4F4.

PAPER DRILLING AND SLOTTING MACHINES
See Bindery 6H.

PAPER HANDLING TRUCKS 4D

4D8 Bindery.
4D1 Elevating.
4D6 Hand.
4D2 Lift.
4D3 Paper Roll.
4D4 Paper Stock.
4D7 Skid Lift.
4D5 Skids or Platforms.

Abrams, The M. L., Co., 1841 Prospect Ave., Cleveland 15, O.—4D6.

○**American Type Founders, Inc.,** 200 Elmora Ave., Elizabeth, N. J.—4D4.

Anderson, C. F., & Co., 3225 Calumet Ave., Chicago 16, Ill.—4D4.

Baker Industrial Trucks, Div. Otis Elevator Co., 8000 Baker Ave., Cleveland 2, O.—4D1, 4D5, 4D7.

Bar-Plate Mfg. Co., Inc., Boston Post Rd., Orange, Conn.—4D8.

Barrett-Cravens Company, 630 Dundee Rd., Northbrook, Ill.—4D1, 4D2, 4D3, 4D4, 4D5, 4D6.

Clark Equipment Co., Industrial Truck Div., 24th St., Battle Creek 151, Mich.—4D1, 4D3, 4D4, 4D7.

Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.—4D3, 4D4.

Economy Engineering Co., 4511 W. Lake St., Chicago 24, Ill.—4D1, 4D3, 4D4.

Elwell-Parker Electric Co., 4205 St. Clair Ave., Cleveland 3, O.—4D1, 4D2, 4D3, 4D4, 4D5.

Equipto, 401 S. Highland, Aurora, Ill.—4D4, 4D6.

Fairbanks Company, The, 393 Lafayette St., New York 3, N. Y.—4D3, 4D4, 4D6.

Foster Manufacturing Co., 140 N. 13th St., Philadelphia 7, Pa.—4D4, 4D6.

Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

○Gifford-Wood Company, One Hudson Ave., Hudson, N. Y.—4D1, 4D2, 4D3, 4D4, 4D5.

Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O.—4D1.

Hyster Company, P.O. Box 4318, Portland 8, Ore.—4D2, 4D3, 4D4 4D5, 4D7.

○Jampol Corporation, The, 728—61st St., Brooklyn 20, N. Y.—4D1.

Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.—4D1, 4D2, 4D4, 4D5, 4D6, 4D7.

Lift Trucks, Inc., 2425 Spring Grove Ave., Cincinnati 14, O.—4D1, 4D2, 4D4, 4D5, 4D6, 4D7.

Mercury Manufacturing Co., 4710 W. Division St., Chicago 51, Ill.—4D2, 4D6.

National Baling Press & Equipment Co., 1071 E. 48th St., Brooklyn 34, N. Y.—4D5, 4D6.

Raymond Corporation, The, 160 Madison Ave., Greene, N. Y.—4D1, 4D2, 4D3, 4D4.

Revolvator Company, Tonnele Ave., North Bergen, N. J.—4D1, 4D2, 4D4, 4D5, 4D6, 4D7.

Rosback, F. P., Co., 225 Fifth Ave., Benton Harbor, Mich.—4D8.

Rotary Lift Co., Div. Dover Corp., 1054 Kansas St., Memphis 2, Tenn.—4D1, 4D2, 4D3, 4D4.

S & M Mfg. Co., 3155 Verdugo Rd., Los Angeles 65, Calif.—4D4, 4D8.

Super Speed Printing Machinery, Inc., 742 Sherman St., Chicago 5, Ill.—4D4.

Thompson Cabinet Co., Laura St., Ludington, Mich.—4D4.

Towmotor Corporation, 1224 E. 152nd St., Cleveland 10, O.—4D1, 4D2, 4D3.

Walbert Machine Co., 819 E. 19th St., Kansas City 8, Mo.—4D7.

Yale & Towne Mfg. Co., 11000 Roosevelt Blvd., Philadelphia 15, Pa.—4D1, 4D2, 4D3, 4D5, 4D6, 4D7.

Young, Paul O., Co., Line Lexington, Pa.—4D5, 4D6.

PAPER STOCK TRUCKS
See under Paper Handling Trucks 4D.

PERFORATING MACHINES
See Bindery 6R.

PERFORATING, PUNCHING AND ROUND CORNERING MACHINES
See Bindery 6S.

PLATFORMS FOR PAPER
See under Paper Handling Trucks 4D.

POWER PAPER CUTTERS
See under Paper Cutters and Trimmers 4F.

PRESSES, DIE CUTTING
See Pressroom 5M.

PRESSES FOR BALING
See Waste Paper Balers 8L.

PUNCHING MACHINES
See Bindery 6S.

R

REWINDING MACHINES
See Pressroom 5RR.
See Bindery 6Z.

ROTARY PERFORATING MACHINES
See Bindery 6R.

ROUND CORNER CUTTERS
See Bindery 6U.

S

SAFETY GUARDS
See Paper Cutters and Trimmers 4F.

SHARPENING (Slitters and Perforators) 4L
Don's Sharp Service, 349 Berkeley Ave., Tacoma 66, Wash.

SHEETERS 4K
Maxson Automatic Machinery Co., 98 Granite St., Westerly, R. I.
Packer Manufacturing Co., Box 788, Green Bay, Wis.

SKIDS FOR PAPER
See under Paper Handling Trucks 4D.

SLITTING AND REWINDING MACHINES
See Pressroom 5RR.
See Bindery 6Z.

SLOTTING MACHINES
See Bindery 6H.

STICKS, CUTTING
See under Paper Cutters and Trimmers 4F.

STIPPLING MACHINES
See under Deckling, Pebbling and Roughing Machines 6OO.

T

TRIMMERS, AUTOMATIC
See Paper Cutters and Trimmers 4F.

TRIMMERS, CONTINUOUS
See Bindery 6F.

TRUCKS FOR HANDLING PAPER
See under Paper Handling Trucks 4D.

***Printing Production* Filing System**

5 — Pressroom Index

HOW TO USE THIS INDEX—This Pressroom Index is comprised of two parts. Immediately below is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically, and includes a cross-index of equipment and supplies. Products may be found by alphabetical reference either in the Key or in the Main Index. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

KEY FOR PRESSROOM INDEX

5A Adhesives
- 5A1 Makeready
- 5A2 Splicing
- 5A3 Tape Cement

5C Bearings

5D Belts, Belting and Tape

5JJJ Blowers (Portable Cleaning)

5E Brakes for Presses

5F Bronzing Machines

5G Cabinets, Racks and Chairs
- 5G1 Chairs
- 5G2 Drying Racks
- 5G3 Ink Cabinets
- 5G4 Makeready Tables
- 5G5 Roller Racks
- 5G6 Stools and Seats
- 5G7 Tool Cabinets

5H Chucks
- 5H1 Expansion
- 5H2 Non-Returnable Core

5DDD Color Curved Plate Register Machine

5K Color Matching Lamps

5J Conveyors for Magazines and Newspapers

5L Cylinder and Tympan Packing
- 5L1 Blankets
- 5L2 Draw Sheets
- 5L3 Tympan Paper
- 5L5 Tympan Paper Holders
- 5L4 Underpacking

5M Die Cutting Presses

5KKK Driers, Web

5EEE Drives, Chain

5KK Drives, Variable Speed

5XX Edition Marker

5FFF Eliminators (Floating Powder and Ink Mist)

5N Embossing Equipment
- 5N1 Presses
- 5N2 Rolls

5O Envelope Making and Printing Machinery

5P Fans, Roller Cooling

5Q Feeding, Folding and Delivery
- 5Q1 Bronzer Feeders and Delivery
- 5Q2 Circular Letter Folders
- 5Q3 Cylinder Press Feeders
- 5Q4 Fanfolding Machines
- 5Q5 Folding Machines
- 5Q6 Job Press Feeders
- 5Q7 Magazine Folders
- 5Q8 Newspaper Folders
- 5Q9 Roll Leaf Feeders
- 5Q10 Roll Paper Feeders
- 5Q11 Specialty Folders

5R Flying Pasters for Presses

5S Fountains and Accessories
- 5S1 Agitators
- 5S4 Blades
- 5S2 Dividers
- 5S3 Fountains, Ink
- 5S8 Fountains, Water
- 5S5 Newspaper Color (Portable)
- 5S7 Roller Trucks
- 5S6 Vibrators
- 5S9 Water Level Controls

5T Gauge Pins, Guides and Feeding Accessories

5U Gauges and Testing Instruments
- 5U26 Blanket Thickness Gauge
- 5U31 Color Analyzer
- 5U12 Color Fastness to Light Testing Machine
- 5U25 Color Matching
- 5U24 Color Printing Control
- 5U11 Contrastometer
- 5U28 Densitometer
- 5U17 Depthometer
- 5U1 Durometer
- 5U23 Impression
- 5U27 Ink Drying Timer
- 5U32 Ink Viscosity Control
- 5U18 Inkometer
- 5U29 Magnetic Ink Tester
- 5U16 Moisture
- 5U2 Paper
- 5U3 Paper Strength and Thickness Gauges and Paper Sheet Scales
- 5U15 pH Slide Comparator
- 5U4 Plate
- 5U22 Plate Pre-register Device
- 5U10 Press Test Blocks
- 5U30 Printability Tester
- 5U5 Roller Setting
- 5U6 Scleroscope
- 5U14 Sheet Register
- 5U13 Slug
- 5U7 Stroboscope
- 5U20 Surface Pyrometer
- 5U8 Tachometer
- 5U9 Type High
- 5U21 Vibration Meter

5V Heaters and Neutralizers
- 5V4 Heated Air Blower
- 5V1 Heaters
- 5V2 Neutralizers
- 5V6 Ovens
- 5V3 Static Tinsel
- 5V5 Steam Drum
- 5V7 Water Spray

5W Inks (All Processes)
- 5W1 Bronze Powders
- 5W34 Buildup Preventive
- 5W21 Cold Set
- 5W24 Collotype
- 5W12 Color Process
- 5W27 Compounds
- 5W32 Conditioners
- 5W16 Decalcomania
- 5W2 Driers
- 5W3 Dry Colors
- 5W4 Engravers
- 5W18 Flexographic
- 5W19 Fluorescent
- 5W15 Gloss
- 5W5 Gravure
- 5W22 Heat Set
- 5W6 Letterpress
- 5W25 Magic or Invisible
- 5W7 Metallic
- 5W23 Moisture Set (Precipitation)
- 5W31 News
- 5W8 Offset
- 5W26 Plastic
- 5W9 Plate Printing
- 5W10 Reducers
- 5W20 Rotary Press News
- 5W29 Silk Screen
- 5W28 Sizers
- 5W11 Specialty
- 5W30 Steel and Copper Plate
- 5W17 Transfer
- 5W13 Varnish
- 5W14 Water Color

5X Ink Mills and Mixers

5HHH Insetters, Preprinted

5Z Jogging Machines

5AA Lubricating Equipment and Supplies

5BB Magnifiers and Reducers

5DD Makeready Systems

5CC Motors and Controls

5HH Numbering and Counting Devices
- 5HH1 Inserter, Tab or Ticket
- 5HH2 Numbering Machine, Rotary Presses
- 5HH3 Press Counters

5EE Offset Preventing Equipment
- 5EE3 Dry Powder Device
- 5EE1 Spray Guns—Liquid
- 5EE2 Spray Solutions
- 5EE4 Spray Scanner

5AAA Paper Cleaners

5GG Paper Reels and Tensions (for Newspaper and Magazine Presses)

5FF Perforating, Slitting and Scoring Attachments

5SS Pile Inverter

5LL Printing Presses
- 5LL1 Automatic
- 5LL2 Bag
- 5LL3 Imprinting
- 5LL4 Bottle Cap
- 5LL57 Business Forms
- 5LL61 Can
- 5LL5 Card
- 5LL6 Carton
- 5LL8 Check
- 5LL7 Color
- 5LL58 Container
- 5LL47 Continuous Form
- 5LL9 Cylinder
- 5LL56 Dry Offset
- 5LL10 Envelope
- 5LL11 Envelope Blank
- 5LL12 Fanfold
- 5LL59 File Card
- 5LL13 File Folder
- 5LL14 File Form
- 5LL15 Flat Bed
- 5LL46 Flexographic (Aniline)
- 5LL16 Form Letter
- 5LL17 Fruit Stamping
- 5LL18 Gravure (Sheet Fed)
- 5LL19 Hand
- 5LL20 Index Card
- 5LL21 Job
- 5LL22 Label
- 5LL23 Lithographic
- 5LL24 Magazine
- 5LL44 Makeready
- 5LL51 Match Book Cover
- 5LL40 Metal Decorating
- 5LL48 Multiple Billing
- 5LL25 Newspaper
- 5LL60 Odd Shaped Objects
- 5LL26 Offset
- 5LL27 Pencil
- 5LL45 Photogelatin
- 5LL28 Platen
- 5LL29 Register Form
- 5LL30 Roll Feed

5LL31 Roll Form
5LL32 Rotary
5LL33 Rotogravure
5LL52 Rubber Plate
5LL34 Sales Book
5LL54 Screen Process
5LL35 Sheet Feed
5LL53 Shirt Band
5LL49 Snapout
5LL36 Specialty
5LL37 Tag
5LL38 Tape
5LL39 Ticket
5LL55 Two-Process
5LL50 Typewriter Ribbon Attachment for Platen Presses
5LL41 Vertical
5LL42 Web
5LL62 Wrap-Around
5LL43 Wrapper

5JJ Pumps (Air and Ink)

5MM Raised Letter Printing Machines and Powders
5MM1 Machines
5MM2 Supplies
5MM3 Textile Transfers

5NN Rollers
5NN8 Bearings
5NN1 Composition
5NN2 Covered
5NN3 Hand
5NN4 Offset
5NN5 Patent
5NN6 Rubber
5NN7 Synthetic Resin-Like

5GGG Roller Washes

5YY Roller Conditioning Devices

5CCC Rotary Press Cutters
5CCC1 Die Cutting Cylinders
5CCC2 Sheeters

5LLL Rotary Press Mounting Systems

5OO Rubber Roller Grinding Equipment

5QQ Safety Guards

5RR Slitting and Rewinding Equipment

5WW Supplies
5WW1 Rotary Press Knives
5WW2 Slitters

5TT Tools
5TT1 Ink Knives
5TT2 Makeready Knives
5TT3 Overlay Knives
5TT4 Platemakers Tools

5UU Trucks
5UU1 Newsprint
5UU2 Paper Roll
5UU3 Paper Tiering

5ZZ Washup Devices
5ZZ3 Fountain
5ZZ1 Letterpress
5ZZ2 Offset and Rotary

5BBB Web Controls
5BBB2 Feeding, Folding and Delivery
5BBB1 Press Register Control
5BBB5 Web Break Detector
5BBB3 Web Control Systems
5BBB4 Web Splicers

5VV Wiping Cloths

PRESSROOM EQUIPMENT AND SUPPLIES MAIN AND CROSS-INDEX

O Indicates advertiser. See Advertisers' Index Pages B-C-D.

A

ACCESSORIES FOR FOUNTAINS
See under Fountains and Accessories 5S.

ADHESIVES 5A.
5A1 Makeready.
5A2 Splicing.
5A3 Tape Cement.
O American Roller Co., 1342 N. Halsted St., Chicago 22, Ill.—5A1, 5A2, 5A3.
O Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.—5A1, 5A2, 5A3.
Arabol Manufacturing Co., 110 E. 42nd St., New York 17, N. Y.—5A1, 5A2, 5A3.
Bingham Brothers Co., 406 Pearl St., New York 38, N. Y.—5A1, 5A2.
Econo Products, Inc., 132 Humboldt St., Rochester 10, N. Y.
Godfrey Roller Co., 211 N. Camac St., Philadelphia 7, Pa.—5A1.
Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O.
Green's Paste Works, 200 Liverpool Rd., Liverpool, N. Y.
Hoyt, Arthur S., Co., Inc., 20 Jerusalem Ave., Hicksville, L.I., N. Y.
Lox Manufacturing Co., 3310 E. 31st St., Kansas City 28, Mo.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.—Adhesive two side film.
Morningstar-Paisley, Inc., 630 W. 51st St., New York 19, N. Y.—5A1, 5A2, 5A3.
National Adhesives Div., National Starch and Chemical Corp., 750 Third Ave., New York, N. Y.—5A1, 5A2.
Star Cement Co., 190 Wyoming Ave., Maplewood, N. J.—5A3.
Union Rubber & Asbestos Co., 232 Allen St., Trenton 6, N. J.
United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.

AGITATORS FOR FOUNTAINS
See under Fountains and Accessories 5S.

AGITATORS, INK
See Fountains and Accessories 5S.

AIR AND INK PUMPS
See Pumps 5JJ.

AIR CONDITIONING
See Miscellaneous 8A.

ANILINE PRESSES
See under Printing Presses 5LL.

ANTI-OFFSET EQUIPMENT
See Offset Preventing Equipment 5EE.

ATTACHMENTS FOR PERFORATING, SLITTING AND SCORING
See Perforating, Slitting and Scoring 5FF.

AUTOMATIC PASTERS
See Fyling Pasters 5R.

AUTOMATIC PRINTING PRESSES
See under Printing Presses 5LL.

B

BAG MAKING MACHINERY
See Miscellaneous 8C.

BAG PRINTING PRESSES
See under Printing Presses 5LL.

BAILING MACHINES
See Waste Paper Balers 8L.

BANK NOTE PRINTING PRESSES
See under Printing Presses 5LL.

BEARINGS 5C
Alico, Incorporated, Montague, Mass.
Link-Belt Co., Prudential Plaza, Chicago 1, Ill.
Norma-Hoffman Bearings Corp., Stamford, Conn.
SKF Industries, Inc., Front St. and Erie Ave., Philadelphia 34, Pa.
Timken Roller Bearings Co., 1835 Dueber Ave., S. W., Canton 6, O.

BELTS, BELTING AND TAPE 5D
5D1 Belts and Belting.
5D5 Lacer.
5D4 Rubberized Tape.
5D2 Web Tape.
5D3 Web and Rubberized Tape.
Arbeka Webbing Co., 1135 Roosevelt Ave., Pawtucket, R. I.—5D2.
Balata, Victor, & Textile Belting Co., 53 Park Pl., New York 7, N. Y.—5D1, 5D4.
Beall, Jack, Vertical Service, Inc., 641 S. Dearborn St., Chicago 5, Ill.—5D1.
Best, Edward H., & Co., 210 Lincoln St., Boston 5, Mass.
Clipper Belt Lacer Co., 974 Front Ave., N. W., Grand Rapids 2, Mich.—5D5.
O Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.—5D1, 5D4.
Dayton Industrial Products Co., Dayco Department, 2001 Janice Ave., Melrose Park, Ill.—5D1.
Duryea Products Co., Inc., 168 Rockland Ave., Woonsocket, R. I.—5D1.
General Rubber Corp., Summit and Atwood Sts., Tenafly, N. J.
Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O.—5D1.
House, Chas. W., & Sons, Inc., 505 Fifth Ave., New York 17, N. Y.
Permacel, U. S. Highway No. 1, New Brunswick, N. J.—5D2.
Raybestos-Manhattan, Inc., Manhattan Rubber Div., 61 Willett St., Passaic, N. J.—5D1, 5D3, 5D4.
Ton-Tex Corp., 247 Pearl St., N. W., Grand Rapids 2, Mich.—5D1, 5D3, 5D4.
United States Rubber Co., 1230 Ave. of the Americas, New York 20, N. Y.

BLADES, FOUNTAIN
See Fountains and Accessories 5S.

BLANKETS
See under Cylinder and Tympan Packing 5L.

BLANKETS, OFFSET
See Offset 2D1.

BLIND, PERFORATING RULE
See Composing Room 1X.

BLOWERS (PORTABLE CLEANING) 5JJJ.
Ace-Sycamore, Incorporated, 448 Dekalb Ave., Sycamore, Ill.
American Blower Div. of American-Standard, 8111 Tireman Ave., Dearborn, Mich.
Invincible Vacuum Cleaner Mfg. Co., Dover, O.
Lamson Corporation, 250 Lamson St., Syracuse 1, N. Y.
Paasche Airbrush Co., Div. Cline Electric Mfg. Co., 1909 Diversey Parkway, Chicago 14, Ill.

BOTTLE CAP PRINTING PRESSES
See under Printing Presses 5LL.

BOXES, JOGGER
See Jogger Boxes 5Y.

BRAKES FOR PRESSES 5E
O Cutler-Hammer, Incorporated, 315 N. 12th St., Milwaukee 1, Wis.
Triumph Equipment Engineers, 6506 Walker St., Minneapolis 26, Minn.

BRONZE POWDERS
See under Inks 5W.

BRONZER FEEDERS AND DELIVERY
See under Feeding, Folding and Delivery 5Q.

BRONZING MACHINES 5F
American Bronzing Machine Works, Inc., 145 Nassau St., New York, N. Y.
Gold Leaf & Metallic Powders, Inc., 145 Nassau St., New York 38, N. Y.
Korn, Henry P., Associated, Inc., 5 Beekman St., New York 38, N. Y.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.

BUSINESS FORMS PRESSES
See under Printing Presses 5LL and under Business Form Equipment 8U.

C

CABINETS, RACKS AND CHAIRS 5G
5G1 Chairs.
5G2 Drying Racks.
5G3 Ink Cabinets.
5G4 Makeready Tables.
5G5 Roller Racks.
5G6 Stools and Seats.
5G7 Tool Cabinets.
O American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Anderson, C. F., & Co., 3225 Calumet Ave., Chicago 16, Ill.—5G2.
Angle Steel, Inc., 169 Acorn St., Plainwell, Mich.—5G1, 5G6, 5G7.
Equipto, 401 S. Highland, Aurora, Ill.—5G3, 5G7.
Gustafson Tool Co., 239 Centre St., New York 13, N. Y.—5G2, 5G5.

Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.—5G1, 5G2, 5G3, 5G4, 5G5, 5G6, 5G7.

○Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—5G4.

Hartman Metal Fabricators, Inc., Waterloo, N. Y.—5G2.

Lyon Metal Products, Inc., Aurora, Ill.—5G1, 5G3, 5G6, 5G7.

Penco Division, Alan Wood Steel Co., Oaks, Pa.—5G3, 5G7.

○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.—5G6.

S & M Mfg. Co., 3155 Verdugo Rd., Los Angeles 65, Calif.—5G2, 5G4, 5G5.

Thompson Cabinet Co., Laura St., Ludington, Mich.—5G2, 5G3, 5G4, 5G5, 5G7.

CANS, SAFETY
See Safety Cans 5PP.

CARD PRINTING PRESSES
See under Printing Presses 5LL.

CARTON PRINTING PRESSES
See under Printing Presses 5LL.

CEMENT FOR TAPES
See under Adhesives 5A.

CHAIRS, CABINETS AND RACKS
See under Cabinets, Racks and Chairs 5G.

CHASES
See Composing Room 1F.

CHECK PRINTING PRESSES
See under Printing Presses 5LL.

CHUCKS 5H
5H1 Expansion.
5H2 Non-Returnable Core.

Speedflex Corporation, 117 West Ninth St., Los Angeles 15, Calif.—5H2.

○Valley Manufacturing Co., Valley, Neb.—5H1, 5H2.

CIRCULAR LETTER FOLDERS
See under Feeding, Folding and Delivery 5Q.

CLEANING BLOWERS, PORTABLE
See Blowers (Portable Cleaning) 5JJJ.

CLEANING FLUID SAFETY CANS
See Safety Cans 5PP.

CLOTHS, WIPING
See Wiping Cloths 5VV.

COLOR CURVED PLATE REGISTER MACHINE 5DDD.

Harley, E. L., Inc., 8701 Third Ave., Brooklyn 9, N. Y.

Mosstype Corporation, 150 Franklin Turnpike, Waldwick, N. J.

○Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

COLOR FASTNESS TO LIGHT TESTING MACHINES
See under Gauges and Testing Instruments 5U.

COLOR FOUNTAINS, PORTABLE NEWSPAPER
See under Fountains and Accessories 5S.

COLOR MATCHING LAMPS 5K

Crown Engineering and Sales Co., 421 Hill St., Harrison, N. J.

Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.

Macbeth Daylighting Co., Little Britain Rd., Newburgh, N. Y.

COLOR PRINTING PRESSES
See under Printing Presses 5LL.

COLOR REGISTER TESTERS, STROBOSCOPE
See under Gauges and Testing Instruments 5U.

COMPOSITION ROLLERS
See under Rollers 5NN.

COMPOUND FOR SPLICING
See under Adhesives 5A.

CONTINUOUS FORM PRESSES
See under Printing Presses 5LL.

CONTRASTOMETER
See under Gauges and Testing Instruments 5U.

CONTROLS AND MOTORS
See Motors and Controls 5CC.

CONTROLS FOR PRESSES
See Motors and Controls 5CC.

CONVEYORS FOR MAGAZINES AND NEWSPAPERS 5J

○Cutler-Hammer, Incorporated, 315 N. 12th St., Milwaukee 1, Wis.

○Jampol Corporation, The, 728—61st St., Brooklyn 20, N. Y.

Lamson Corporation, 250 Lamson St., Syracuse 1, N. Y.

Link-Belt Co., Prudential Plaza, Chicago 1, Ill.

Radio Corp. of America, Industrial Electronic Products Div., Front and Cooper, Camden, N. J.

Wiretyer Corporation, 65 Lelliarts Lane, East Paterson, N. J.

COOLING FANS FOR ROLLERS
See Fans 5P.

COUNTERS FOR PRESSES
See Numbering and Counting Devices 5HH.

COVERED ROLLERS
See under Rollers 5NN.

CREASING, CUTTING AND PERFORATING RULE
See Composing Room 1X.

CUTTING AND CREASING PRESSES
See Die Cutting Presses 5M.

CUTTING, CREASING AND PERFORATING RULE
See Composing Room 1X.

CYLINDER AND TYMPAN PACKING 5L
5L1 Blankets.
5L2 Draw Sheets.
5L3 Tympan Paper.
5L4 Underpacking.
5L5 Tympan Paper Holders.

○American Publishers Supply Inc., P.O. Box 421, Lynnfield, Mass.—5L1, 5L4.

Bar-Plate Mfg. Co., Inc., Boston Post Rd., Orange, Conn.—5L2.

Best, Edward H., & Co., 210 Lincoln St., Boston 5, Mass.—5L1, 5L2.

California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—5L1, 5L2, 5L3, 5L4.

Carmichael Blanket Co., 973 Canterbury Rd., N.E., Atlanta 5, Ga.—5L1.

○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.—5L1, 5L2, 5L3, 5L4, 5L5.

Coyne & Paddock, Inc., 40-09—21st St., Long Island City 1, N. Y.—5L1.

Cromwell Paper Co., The, 180 N. Wabash, Chicago 1, Ill.; 1000 Nottingham Way, Trenton, N. J.—5L2, 5L3.

Dayton Industrial Products Co., Dayco Department, 2001 Janice Ave., Melrose Park, Ill.—5L1.

Doyle, The J. E., Co., 1220 W. Sixth St., Cleveland 13, O.—5L2.

○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.

Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.—5L1, 5L2, 5L4.

○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—5L1, 5L4.

Hi-Speed Roller Co., Inc., 3157 Tchoupitoulas St., New Orleans 15, La.—5L1, 5L2, 5L4.

House, Chas. W., & Sons, Inc., 505 Fifth Ave., New York 17, N. Y.—5L1.

McHugh, J. Thomas, Co., Inc., 6800 E. 32nd St., Indianapolis 4, Ind.—5L1.

Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.—5L1, 5L3.

Mitchell-Rand Insulation Co., 51 Murray St., New York, N. Y.—5L3, 5L4.

New England Newspaper Supply Co., 164 Fremont St., Worcester 3, Mass.—5L1, 5L2, 5L3, 5L4.

Paterson Parchment Paper Co., Bristol, Pa.—5L2, 5L3.

○Rapid Roller Co., 26th and Federal Sts., Chicago 16, Ill.—5L2, 5L4.

Riegel Paper Corp., 260 Madison Ave., New York 16, N. Y.—5L2, 5L3.

Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y.—5L2, 5L3.

○Rouse, H. B., & Co., 2214 North Wayne St., Chicago 14, Ill.—5L5.

○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.—5L1, 5L2, 5L3, 5L4.

Sorg Paper Co., Middletown, O.—5L2, 5L3.

Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.—5L1, 5L2, 5L3, 5L4.

Triplet Gauge, 225 South St., New York 2, N. Y.—5L3.

United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.—5L1.

CYLINDER MAKEREADY SYSTEMS
See under Overlay Systems 5DD.

CYLINDER PRESS FEEDERS
See under Feeding, Folding and Delivery 5Q.

CYLINDER PRINTING PRESSES
See under Printing Presses 5LL.

D

DATING AND NUMBERING (TYPOGRAPHIC) DEVICES
See Composing Room 1H.

DECALCOMANIA INK
See under Ink 5W.

DELIVERY, FEEDING AND FOLDING
See under Feeding, Folding and Delivery 5Q.

DESKS, FOREMEN'S
See under Cabinets, Racks and Chairs 5G.

DIE CUTTING PRESSES 5M

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Brandtjen & Kluge, Inc., 653 Gaultier, St. Paul 3, Minn.

Champlain Company, Inc., Harrison Ave., Roseland, N. J.

Chandler & Price Co., The, 6000 Carnegie Ave., Cleveland 3, O.

Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

○Heidelberg Automatic Presses (See Manufacturers', Suppliers' and Dealers' Index).

Hobbs Manufacturing Co., 26 Salisbury St., Worcester 5, Mass.

Kidder Press Co., Inc., 121 Broadway, Dover, N. H.

Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.

Miehle Company, The, Div. Miehle-Goss-Dexter, 2011 W. Hastings St., Chicago 8, Ill.

○Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

○New Era Mfg. Co., 233 Central Ave., Hawthorne, N. J.

Packer Manufacturing Co., Box 788, Green Bay, Wis.

Precise Engineering Co., E. Main St., P.O. Box 128, Huntley, Ill.

○Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.

○Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.

○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.

Specialty Automatic Machine Corp., 80 Cambridge St., Burlington, Mass.

Thomson-National Press Co., Dean Ave., Franklin, Mass.

DIVIDERS FOR FOUNTAINS
See under Fountains and Accessories 5S.

DRAW SHEETS
See under Cylinder and Tympan Packing 5L.

DRIERS FOR INKS
See under Inks 5W.

DRIERS, WEB 5KKK

Fred'k H. Levey Co., Inc., Machinery Div., 4901 Grays Ave., Philadelphia 43, Pa.

Offen, B., & Co. 29 E. Madison St., Chicago 2, Ill.

DRIVES, CHAIN 5EEE

Link-Belt Co., Prudential Plaza, Chicago 1, Ill.

Ramsey Products Corp., 724 Gesco St., Charlotte 8, N. C.

DRIVES, VARIABLE SPEED 5KK

○Cutler-Hammer, Inc., 315 N. 12th St., Milwaukee 1, Wis.

Electric Eye Equipment Co., 1938 E. Fairchild St., Danville, Ill.

Graham Transmissions, Inc., Menomonee Falls, Wis.

Link-Belt Co., Prudential Plaza, Chicago 1, Ill.

Northwestern Electric Co., 1750 N. Springfield Ave., Chicago 47, Ill.

Oilgear Company, The, 1560 W. Pierce St., Milwaukee 4, Wis.

Reeves Pulley Co., Div. of Reliance Electric & Engineering Co., 1225 Seventh St., Columbus, Ind.

Reliance Electric & Engineering Co., 24701 Euclid Ave., Cleveland 17, O.

U. S. Electrical Motors, Inc., Los Angeles 54, Calif.

DRY COLORS FOR INKS
See under Inks 5W.

DRYING RACKS
See Cabinets, Racks and Chairs 5G.

DUROMETERS
See under Gauges and Testing Instruments 5U.

E

EDITION MARKER 5XX

○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

ELIMINATORS (Floating Powder and Ink Mist) 5FFF

Indiana Chemical & Mfg. Co., 624 E. Walnut St., Indianapolis 4, Ind.

Trion, Inc., 1000 Island Ave., McKees Rocks, Pa.

ELIMINATORS, STATIC
See under Heaters and Neutralizers 5V.

EMBOSSING EQUIPMENT 5N
5N1 Presses.
5N2 Rolls.

Apex Machine Co., 14-13—118th St., College Point 56, N. Y.—5N1.

Champlain Company, Inc., Harrison Ave., Roseland, N. J.—5N1.

Chandler & Price Co., The, 6000 Carnegie Ave., Cleveland 3, O.—5N1.

Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass.—5N1.

Dietz Machine Works, Inc., 20 W. Berkley St., Philadelphia 44, Pa.—5N.

Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.—5N1.

Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.—5N1.

General Gravure Service Co., 1413 Chestnut Ave., Hillside 5, N. J.—5N2.

Griffin, Campbell, Hayes, Walsh, Inc., 50 E. 21st St., New York 10, N. Y.—5N1.

○Heidelberg Automatic Presses (See Manufacturers', Suppliers' and Dealers' Index)—5N1.

Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.—5N1.

Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.—5N1.

○Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.—5N1.

OlsenMark Corporation, 124 White St., New York 13, N. Y.

Paper Converting Machine Co., 2300 S. Ashland Ave., Green Bay, Wis.—5N1.

Peerless Roll Leaf Co., Inc., 4511 New York Ave., Union City, N. J.

Precise Engineering Co., E. Main St., P.O. Box 128, Huntley, Ill.

Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.

○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y. —5N1.

Simplex Gold Stamping Press Co., 1083 E. 52nd St., New York 36, N. Y.—5N1.

Stone, Thos. and Geo. M., Inc., 1413 Chestnut Ave., Hillside 5, N. J.—5N1, 5N2.

Thomson-National Press Co., Dean Ave., Franklin, Mass.—5N1.

Waldron-Hartig Div., Midland Ross Corp., P.O. Box 791, New Brunswick, N. J.—5N1.

ENGRAVERS INKS
See under Inks 5W.

ENVELOPE BLANK PRESSES
See under Printing Presses 5LL.

ENVELOPE MAKING AND PRINTING MACHINERY 5O

Smithe, F. L., Machinery Co., Inc., 645 W. 44th St., New York 36, N. Y.

Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St. Paul 14, Minn.

ENVELOPE PRINTING PRESSES
See under Printing Presses 5LL.

F

FANFOLD MACHINES
See under Feeding, Folding and Delivery 5Q.

FANFOLD PRINTING PRESSES
See under Printing Presses 5LL.

FANS, ROLLER COOLING 5P

○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.

FEEDING ACCESSORIES AND GAUGE PINS
See Gauge Pins 5T.

FEEDING, FOLDING AND DELIVERY 5Q

5Q1 Bronzer Feeders and Delivery.
5Q2 Circular Letter Folders.
5Q3 Cylinder Press Feeders.
5Q4 Fanfold Machines.
5Q5 Folding Machines.
5Q6 Job Press Feeders.
5Q7 Magazine Folders.
5Q8 Newspaper Folders.
5Q9 Roll Leaf Feeders.
5Q10 Roll Paper Feeders.
5Q11 Specialty Folders.

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—5Q5.

Baum, Russell Ernest, Inc., 1540 Wood St., Philadelphia 2, Pa.—5Q5.

Beall, Jack, Vertical Service, Inc., 641 S. Dearborn St., Chicago 5, Ill.—5Q3.

Berry Machine Co., 716 N. First St., St. Louis 2, Mo.—5Q3.

Brandtjen & Kluge, Inc., 653 Gaultier, St. Paul 3, Minn.—5Q6.

Brown Folding Machine Co., 3771 Chester Ave., Cleveland 14, O.—5Q5.

Chandler & Price Co., The, 6000 Carnegie Ave., Cleveland 3, O. —5Q3, 5Q6.

Davidson Corporation, Sub. of Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y. —5Q5.

Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.—5Q1, 5Q2, 5Q3, 5Q4, 5Q5, 5Q6, 5Q7, 5Q8, 5Q11.

Doyle, The J. E., Co., 1220 W. Sixth St., Cleveland 13, O.—5Q3.

Ever Ready Machinists, Inc., 137 W. 19th St., New York 11, N. Y.

○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—5Q7, 5Q8.

Griffin, Campbell, Hayes, Walsh, Inc., 50 East 21st St., New York 10, N. Y.—5Q9.

Levey, Fred'k H., Co., Inc., Machinery Div., 4901 Grays Ave., Philadelphia 43, Pa.—5Q5.

Maxson Automatic Machinery Co., 98 Granite St., Westerly, R. I. Delivery for high-speed presses.

McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn.—5Q5.

Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.—5Q11.

Modern Equipment Co., Inc., 2011 Cuming St., Omaha 2, Neb.—5Q8.

Motter, John C., Printing Press Co., 907 Roosevelt Ave., York, Pa.—5Q7, 5Q8.

○New Era Mfg. Co., 233 Central Ave., Hawthorne, N. J.—5Q4.

Paper Converting Machine Co., 2300 S. Ashland Ave., Green Bay, Wis.—5Q10.

Rathbun & Bird Co., Inc., The, 379 W. Broadway, New York 12, N. Y.

○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.—5Q5, 5Q10.

Specialty Automatic Machine Corp., 80 Cambridge St., Burlington, Mass.—5Q11.

Stolp-Gore Co., 123 S. Jefferson St., Chicago 6, Ill.—5Q3, 5Q5, 5Q11.

Super Speed Printing Machinery, Inc., 742 Sherman St., Chicago 5, Ill.—5Q6.

Winton Engineering Co., 2353 May St., Cincinnati, O. Stack unloader.

○Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.—5Q7, 5Q8.

FILE FOLDER PRINTING PRESSES
See under Printing Presses 5LL.

FILE FORM PRINTING PRESSES
See under Printing Presses 5LL.

FLAT BED PRINTING PRESSES
See under Printing Presses 5LL.

FLYING PASTERS FOR PRESSES 5R

Crabtree, R. W., & Sons (Canada) Ltd., 629 Adelaide St. W., Toronto 1, Ontario, Can.

Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.

○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.

○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.

Standford Engineering Co., Salem, Ill.

○Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

FOLDERS, LETTER
See under Feeding, Folding and Delivery 5Q.

FOLDING, FEEDING AND DELIVERY
See under Feeding, Folding and Delivery 5Q.

FOREMEN'S DESKS
See under Cabinets, Racks and Chairs 5G.

FORM LIFTS
See Composing Room 1DD.

FORM TRUCKS
See under Composing Room 1DD.

FORM WASHES
See Composing Room 1FF.

FOUNTAINS AND ACCESSORIES 5S

5S1 Agitators.
5S4 Blades.
5S2 Dividers.
5S3 Fountains, Ink.
5S8 Fountains, Water.
5S5 Newspaper Color (Portable).
5S7 Roller Trucks.
5S6 Vibrators.
5S9 Water Level Controls.

Acme Printing Appliance Co., 9455 Seymour Ave., Schiller Park, Ill.—5S2, 5S6.

Aids Development Co., Inc., 16560 Elderdale Dr., Cleveland 30, O.

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

○Baldwin-Gegenheimer Corp., 80 Roebling St., Brooklyn 11, N. Y. —5S1, 5S6, 5S8, 5S9.

Bar-Plate Mfg. Co., Inc., Boston Post Rd., Orange, Conn.—5S2.

Beall, Jack, Vertical Service Inc., 641 S. Dearborn St., Chicago 5, Ill. Double roll device for Verticals.

○Capital Tool & Mfg. Co., 5000 Calvert Rd., College Park, Md. —5S3, 5S5.

Cowan Pressroom Products, Inc., 1651 Cosmo, Hollywood 28, Calif.—5S7.

Dayton Industrial Products Co., Dayco Department, 2001 Janice Ave., Melrose Park, Ill.—5S2.

Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.—5S3.

Doyle, The J. E., Co., 1220 W. Sixth St., Cleveland 13, O.—5S6.

○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—5S1, 5S5.

Graymills Corporation, 3705 N. Lincoln Ave., Chicago 13, Ill.—5S1.

○Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—5S1, 5S4.

○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—5S5.

Ohio Knife Co., The, B. & O. Railway and Dreman Ave., Cincinnati 23, O.—5S4.

Ortleb Machinery Co., 3818 Laclede Ave., St. Louis 8, Mo.—5S1.

○Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O. Fountain divider.—5S2.

Rowell, W. Chas., 657 Tenth St., Brooklyn 15, N. Y.—Double roll device for Verticals.

Russell Supply Co., Inc., 80 Washington St., New York 6, N. Y.

○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.—5S3, 5S5.

Triumph Equipment Engineers, 6506 Walker St., Minneapolis 26, Minn.—5S3, 5S6.

Yeager Newspaper Machinery Supply Co., P.O. Box 3974, San Juan, Puerto Rico—5S5.

FRUIT STAMPING PRESSES
See under Printing Presses 5LL17.

FURNITURE AND REGLET
See under Composing Room 1L.

G

GAS SHEET HEATERS
See under Heaters and Neutralizers 5V.

GAUGE PINS, GUIDES AND FEEDING ACCESSORIES 5T

Beall, Jack, Vertical Service, Inc., 641 S. Dearborn St., Chicago 5, Ill. Miehle Vertical transfer table.

California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.

Carlson Company, The, 15 Hathaway St., Boston 10, Mass.

○Chambersburg Lumber Co., College and Scotland Aves., Chambersburg, Pa. Feed and load boards.

Gardner Adjustable Quad Guide Co., 389 Northumberland Ave., Redwood City, Calif.

Lance, Chester L., Co., 620 Browder St., Dallas 1, Tex.

Megill, The Edward L., Co., 761 Atlantic Ave., Brooklyn 38, N. Y.

Will-Lo Products, 4518 N. Winchester, Chicago 40, Ill.

GAUGES AND TESTING INSTRUMENTS 5U

5U26 Blanket Thickness Gauge.
5U31 Color Analyzer.
5U12 Color Fastness to Light (Fadometer).
5U25 Color Matching.
5U24 Color Printing Control.
5U11 Contrastometer.
5U28 Densitometer.
5U17 Depthometer.
5U1 Durometer.
5U19 Halftone Dot Microscope.
5U23 Impression.
5U27 Ink Drying Timer.
5U18 Inkometer.
5U29 Magnetic Ink Tester.
5U16 Moisture.
5U2 Paper.
5U3 Paper Strength and Thickness Gauges and Paper Sheet Scales.
5U15 pH Slide Comparator.
5U4 Plate.
5U22 Plate Pre-register Device.
5U10 Press Test Blocks.
5U30 Printability Tester.
5U5 Roller Setting.
5U6 Scleroscope.
5U14 Sheet Register.
5U13 Slug.
5U7 Stroboscope.
5U8 Tachometer.
5U9 Type-High.
5U20 Surface Pyrometer.
5U21 Vibration Meter.

Alemite Div., Stewart - Warner Corp., 1826 Diversey Pkwy., Chicago 14, Ill.—5U8.

Alico, Incorporated, Montague, Mass.—5U4, 5U5, 5U9, 5U13, 5U26.

Amthor Testing Instrument Co., Inc., 45 Van Sinderen Ave., Brooklyn 7, N. Y.—5U3, 5U8.

Atkins Technical, Inc., 1276 W. Third St., Cleveland 13, O.—5U20.

○Atlantic Numbering Machine Co., 47-02 18th Ave., Brooklyn 4, N. Y.—5U5, 5U9.

Ballantine Laboratories, Boonton, N. J.—5U29.

Bausch & Lomb Optical Co., 65161 Bausch, Rochester, N. Y.—5U25, 5U29.

Bristol Company, The, P.O. Box 1790, Waterbury 20, Conn.—5U8, 5U16.

Brown & Sharpe Mfg. Co., 230 Promenade St., Providence 1, R. I.—5U2, 5U9.

Cambridge Instrument Co., Inc., 420 Lexington Ave., New York 17, N. Y.—5U15, 5U16, 5U20.

Cheville Corporation, 7723 Rocton Ave., Chevy Chase 15, Md.—5U18.

Crown Engineering and Sales Co., 421 Hill St., Harrison, N. J.—5U25.

Gaebel, Arthur H., Inc., P.O. Box 3, Larchmont, N. Y.—5U17.

○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.—5U7.

General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.

General Radio Co., 22 Baker Ave., West Concord, Mass.—5U7, 5U21.

Hart, Raymond S., Inc., 336 W. Islip Blvd., Islip, N. Y.—5U16.

○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—5U4, 5U9.

Huck Company, 72 W. 45th St., New York 36, N. Y.—5U22, 5U23, 5U27.

Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.—5U12.

Macbeth Daylighting Co., Little Britain Rd., Newburgh, N. Y.—5U28.

Metron Instrument Co., 432 Lincoln St., Denver 3, Colo.—5U8.

Minden Paper Gauge Co., Inc., 230 W. 41st St., New York 36, N. Y. —5U2, 5U3.

National Laboratories & Mfg. Co., 112 Greenwood Ave., Midland Park, N. J.—5U7.

Nolan Machinery Co., Port St., Pulaski, N. Y.—5U9.

Perkins, B. F., & Son, Inc., P.O. Box 388, Holyoke, Mass.—5U2.

Pneuma-Flo Systems, Inc., 127 W. 24th St., New York 11, N. Y. —5U32.

Pyrometer Instrument Co., 92 Portland Ave., Bergenfield, N. J. —5U20.

Reliance Electric & Engineering Co., 24701 Euclid Ave., Cleveland 17, O.—5U8.

Speedflex Corporation, 117 West Ninth St., Los Angeles 15, Calif. —5U8.

Starrett, L. S., Co., Crescent St., Athol, Mass.—5U2.

Sticht, Herman H., Co., Inc., 27 Park Pl., New York 7, N. Y.—5U8.

Taylor, W. A., & Co., 7300 York Rd., Baltimore 4, Md.—5U15.

Taylor Machine Co., 1713 S. Clinton St., Baltimore 24, Md.—5U22.

Testing Machines Inc., 72 Jericho Turnpike, Mineola, L. I., N. Y. —5U1, 5U2, 5U3, 5U30.

○Tintometer, Box 203, Ryder Station, Brooklyn 31, N. Y.

Ti-Pi Company, 1000 Broadway, Kansas City 5, Mo.—5U9.

○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.—5U2, 5U4, 5U5, 5U9, 5U10, 5U13.

Walton Laboratories, Inc., 1186 Grove St., Irvington 11, N. J.—5U16.

Webb Machine Works, 1314 Hoadley St., Shreveport, La.—5U23.
Welch, W. M., Mfg. Co., 1515 Sedgwick St., Chicago 10, Ill.—5U27.
Weston Instruments, Sub. of Daystrom, Inc., 614 Frelinghuysen Ave., Newark 12, N. J.—5U8, 5U11, 5U16. Photographic analyzer.
Zernickow, O., Co., 15 Park Row, New York 38, N. Y.—5U8.

GLASSES FOR REDUCING AND MAGNIFYING
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5V2 Neutralizers.
5V6 Ovens.
5V3 Static Tinsel.
5V5 Steam Drums.
5V7 Water Spray.

Acme Printing Appliance Co., 9455 Seymour Ave., Schiller Park, Ill.—5V1.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—5V1, 5V2.
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
Champlain Company, Inc., Harrison Ave., Roseland, N. J.—5V1.
Chandler & Price Co., The, 6000 Carnegie Ave., Cleveland 3, O.—5V1.
Continental Printing Equipment Co., 1402 N. Western Ave., Chicago 22, Ill.—5V3.
Doyle, The J. E., Co., 1220 W. Sixth St., Cleveland 13, O.—5V1, 5V2.
Dryer Electric Corp., 164 Walabout, Brooklyn, N. Y.—5V1.
Economy Printers Products Co., 609 LaSalle St., Chicago 5, Ill.—5V2, 5V3.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
Herbert Products, Inc., 180 Linden Ave., Westbury, L. I., N. Y.—5V1, 5V2, 5V4, 5V6.
Hewson Company, Inc., The, 443 Broad St., Newark 2, N. J.—5V2.
Lance, Chester L., Co., 620 Browder St., Dallas 1, Tex.
Levey, Fred'k H., Co., Inc., Machinery Div., 4901 Grays Ave., Philadelphia 43, Pa.—5V1, 5V4, 5V5.
Maxson Automatic Machinery Co., 98 Granite St., Westerly, R. I. Static eliminating bar.
Midwest Printers Supply, 1209 Sycamore, Cincinnati 10, O.—5V3.
Miskella Infra-Red Co., E. 73rd and Grand Ave., Cleveland 4, O. Combined heat and suction.
Pneuma-Flo Systems, Inc., 127 W. 24th St., New York 11, N. Y.—5V1, 5V6.
Portland Company, The, 60 Fore St., Portland 6, Me.—5V2.
Rathbun & Bird Co., Inc., The, 379 W. Broadway, New York 12, N. Y.—5V6.
Red-Ray Mfg. Co., Inc., Cliffside Park, N. J.—5V6.
Selas Corp. of America, Dresher, Pa.—5V1, 5V6.
○Simco Company, The, 920 Walnut St., Lansdale, Pa.—5V1, 5V2.

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aerosol anti-static spray
GUARANTEED NOT TO RUST METAL PARTS
$2.75 per can—$27.50 dozen
the SIMCO company
920 Walnut St., Lansdale, Pa.

Static Eliminator Co., 239 Centre St., New York 13, N. Y.—5V1, 5V2.
○Statkil, Incorporated, 1220 W. Sixth St., Cleveland 13, O.—5V2.
Sticht, Herman H., Co., Inc., 27 Park Pl., New York 7, N. Y.—5V2.

static eliminators
for all graphic arts machinery
ionizing air nozzles for feed piles
GUARANTEED EFFECTIVE
the SIMCO company
920 Walnut St., Lansdale, Pa.

Takk Corporation, P.O. Box 346, Newark, O.—5V2.
Utility Heater Co., 239 Centre St., New York 13, N. Y.—5V1, 5V2.
Vapo Systems Co., 130-32 W. Home Ave., Villa Park, Ill.—5V7.
Western Brush Co., Inc., 219 S. Western Ave., Chicago 12, Ill.—5V2.
Wolfer Printers Supply, Inc., 1221 Maple Ave., Los Angeles 15, Calif.—5V1.

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Day, The J. H., Co., Div. of Cleveland Automatic Machine Co., 4932 Beech St., Cincinnati 12, O.
Morehouse-Cowles, Incorporated, 1150 San Fernando Rd., Los Angeles 65, Calif.
Read Standard Div. of Capitol Products Corp. York, Pa.
Ross, Charles, & Son Co., 148 Classon Ave., Brooklyn 5, N. Y.
Troy Div. of Skinner Engine Co., 333 West 12th St., Erie 6, Pa.
United Printing Ink Laboratories, Inc., 1940 E. Letterly St., Philadelphia 25, Pa.

INK OXIDIZERS
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5W3 Dry Colors.
5W4 Engravers.
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Acheson Dispersed Pigments Co., 1421 Chestnut St., Philadelphia 2, Pa.—5W3, 5W5, 5W6, 5W8, 5W26, 5W27, 5W29, 5W31.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—5W8.
○Anchor Chemical Co., Inc., 827-837 Bergen St., Brooklyn 38, N. Y.—5W34.

STOP INK BUILD-UP
on cylinders, rollers, wheels, folders, etc.
ANCHOR CHEMICAL CO., INC.
BROOKLYN, N. Y.

Apex Machine Co., 14-13—118th St., College Point 56, N. Y.—5W11, 5W15, 5W26.
Atlantic Powdered Metals, Inc., 38 Park Row, New York 38, N. Y.—5W1.
Atlas Silk Screen Supply Co., 1733 Milwaukee Ave., Chicago 47, Ill.—5W29.
Bensing Bros. and Deeney, Product of General Printing Ink Co., Div. of Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.—5W2, 5W5, 5W11, 5W18.
Bowers Printing Ink Co., 2655 W. Irving Park Rd., Chicago 18, Ill.—5W2, 5W6, 5W7, 5W8, 5W10, 5W11, 5W12, 5W13, 5W15, 5W16, 5W19, 5W20, 5W23, 5W27.
Braden Sutphin Ink Co., The, 3650 E. 93rd St., Cleveland 5, O.—5W2, 5W6, 5W7, 5W8, 5W13, 5W14, 5W25.
Braznell Company, 5215 Manchester Ave., St. Louis 10, Mo.—5W2, 5W5, 5W6, 5W8, 5W13.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—5W1, 5W2, 5W3, 5W4, 5W5, 5W6, 5W7, 5W8, 5W9, 5W10, 5W11, 5W12, 5W13, 5W14, 5W15, 5W16, 5W17, 5W18, 5W19, 5W20, 5W21, 5W22, 5W23, 5W24, 5W25, 5W26, 5W27, 5W29, 5W30, 5W31.
Canada Printing Ink Co., Ltd., Brockhouse Rd., Etobicoke, Box 265, Postal Station N, Toronto 14, Ont., Can.—5W6, 5W8, 5W11.
Capitol Printing Ink Co., Inc., 806 Channing Pl., N. E., Washington 18, D. C.—5W2, 5W6, 5W7, 5W8, 5W10, 5W13, 5W15, 5W22.
Carlson, John P., Inc., 420 Carroll St., Brooklyn 15, N. Y.—5W6, 5W7, 5W8, 5W12, 5W13, 5W14, 5W15.
○Central Compounding Co., 1718 N. Damen Ave., Chicago 47, Ill.—5W13, 5W32.
Cleveland Printing Ink Co., Inc., 1414 Hamilton Ave., Cleveland 14, O.— 5W1, 5W2, 5W6, 5W7, 5W8, 5W10, 5W11, 5W15, 5W19, 5W27, 5W31.
Colora Printing Inks, Inc., 42-12—35th Ave., Long Island City 1, N. Y.—5W18.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.—5W6, 5W31.
Crescent Ink & Color Co. of Pa., Inc., 464 N. Fifth St., Philadelphia 23, Pa.—5W2, 5W5, 5W6, 5W8, 5W13, 5W18.
Cronite Company, Inc., 8707 Hudson Blvd., North Bergen, N. J.—5W1, 5W4, 5W11.
Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.—5W2, 5W8, 5W10, 5W12, 5W13, 5W27.
Driscoll, Martin, & Co., 610 S. Federal St., Chicago 5, Ill.—5W2, 5W5, 5W6, 5W7, 5W8, 5W10, 5W11, 5W13, 5W18, 5W27, 5W29.
Embossograph Process Co., Inc., 3720—14th Ave., Brooklyn 18, N. Y.—5W7, 5W11, 5W22, 5W27.
Empire Type Foundry, 55 N. Main St., Delevan, N. Y.—5W31.
○Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.—5W1, 5W2, 5W3, 5W4, 5W5, 5W6, 5W7, 5W8, 5W9, 5W10, 5W11, 5W12, 5W13, 5W14, 5W15, 5W16, 5W17, 5W18, 5W20, 5W27, 5W28.
Forbes Ink, Inc., 2249 Elm St., N.W., Cleveland 13, O.—5W2, 5W6, 5W7, 5W8, 5W10, 5W11, 5W12, 5W15, 5W16, 5W17, 5W18, 5W19, 5W25.
Gaetjens, Berger & Wirth, Inc., 35 York St., Brooklyn 1, N. Y.—5W1, 5W2, 5W3, 5W4, 5W5, 5W6, 5W7, 5W8, 5W9, 5W10, 5W11, 5W12, 5W13, 5W14, 5W15, 5W18, 5W19, 5W27.
General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.—5W1, 5W2, 5W3, 5W4, 5W5, 5W6, 5W7, 5W8, 5W10, 5W11, 5W12, 5W13, 5W14, 5W15, 5W16, 5W17, 5W18, 5W20, 5W22, 5W23, 5W24, 5W27, 5W28, 5W31.
Gold Leaf and Metallic Powders, Inc., 145 Nassau St., New York 38, N. Y.—5W1.
Gotham Ink & Color Co., 5-19—47th Ave., Long Island City 1, N. Y.—5W5, 5W18.
Graphic Chemical & Ink Co., 714 N. Ardmore Ave., Villa Park, Ill.—5W6, 5W8, 5W10, 5W27, 5W30.
Handschy, A. E., Co., 2525 N. Elston Ave., Chicago 47, Ill.—5W2, 5W6, 5W7, 5W8, 5W12, 5W13.
Herrick, Wm. C., Ink Co., Inc., One Maple St., East Rutherford, N. J.—5W2, 5W6, 5W7, 5W8, 5W11, 5W12, 5W13, 5W14, 5W15, 5W16, 5W17, 5W18, 5W20, 5W22, 5W27, 5W28.
Hill-Hentschel Company, 3928 Clayton Ave., St. Louis 10, Mo.—5W2, 5W4, 5W5, 5W6, 5W7, 5W8, 5W13, 5W18, 5W20, 5W22, 5W23.
Hoeffler, J., & Co., 100 Sixth Ave., New York 13, N. Y.—5W2, 5W6, 5W8, 5W12.
Huber, J. M., Corp., 1478 Chestnut Ave., Hillside, N. J.—5W1, 5W2, 5W3, 5W5, 5W6, 5W7, 5W8, 5W10, 5W12, 5W13, 5W15, 5W18, 5W20, 5W22, 5W23, 5W31.
Inco Company, The, 2372 W. Seventh St., Cleveland 13, O.—5W2, 5W6, 5W7, 5W8, 5W12, 5W13, 5W15, 5W19, 5W27.
Indiana Chemical & Mfg. Co., 624 E. Walnut St., Indianapolis 4, Ind.—5W2, 5W10, 5W27, 5W32.
○Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.—5W1, 5W2, 5W3, 5W4, 5W5, 5W6, 5W7, 5W8, 5W9, 5W10, 5W11, 5W12, 5W13, 5W14, 5W15, 5W16, 5W17, 5W18, 5W19, 5W20, 5W22, 5W23, 5W26, 5W27, 5W28, 5W29, 5W31.
Kohl and Madden Printing Ink Corp., 1132 S. Jefferson St., Chicago 7, Ill.—5W2, 5W6, 5W7, 5W8, 5W13, 5W26, 5W27, 5W32.
Lawter Chemicals, Inc., 3550 Touhy Ave., Chicago 45, Ill.—5W13, 5W19.
Levey, Fred'k H., Co., Inc., Printing Ink Div., 380 Madison Ave., New York 17, N. Y.—5W1, 5W2, 5W3, 5W4, 5W5, 5W6, 5W7, 5W8, 5W9, 5W10, 5W11, 5W12, 5W13, 5W14, 5W15.

Markem Machine Co., 150 Congress St., Keene, N. H.—5W11.
McCutcheon Bros. & Quality, Inc., 2653 N. Reese St., Philadelphia 33, Pa.—5W2, 5W6, 5W8, 5W13, 5W23.
Mercury Printing Ink Corp., 41 Dundee Ave., Paterson 3, N. J. —5W2, 5W6, 5W8, 5W13.
Morrill, George H., Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.—5W5, 5W6, 5W8, 5W13, 5W14.
Morrison Printing Ink Co., The, 1051 Power Ave., Cleveland 14, O.—5W6, 5W8, 5W22.
OlsenMark Corporation, 124 White St., New York 13, N. Y.—5W11.
Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y. —5W2, 5W7, 5W8, 5W12, 5W13, 5W15.
Pope & Gray, Inc., 17 Industrial West, Allwood, Clifton, N. J.—5W1, 5W2, 5W4, 5W6, 5W7, 5W8, 5W10, 5W12, 5W13, 5W15, 5W19, 5W22, 5W23, 5W28.
Prescott, H. S., 95 Nursery St., Springfield 4, Mass. — 5W6, 5W8, 5W11, 5W14.
Roberts, Lewis, Inc., 72 Union St., Newark 5, N. J. — 5W2, 5W6, 5W8, 5W17, 5W18.
Roosen, H. D., Co., Div. of Columbian Carbon Co., 380 Madison Ave., New York 17, N. Y. —5W1, 5W2, 5W3, 5W5, 5W6, 5W7, 5W8, 5W10, 5W11, 5W13.
Rothian Corporation, P.O. Box 5074, St. Louis 15, Mo.—5W32.
Siebold, J. H. & G. B., Inc., 150 Varick St., New York 13, N. Y. —5W2, 5W6, 5W7, 5W8, 5W13, 5W14.
○Sinclair & Carroll Co., Inc., 440 W. Superior, Chicago 10, Ill.—5W1, 5W2, 5W4, 5W6, 5W7, 5W8, 5W10, 5W11, 5W12, 5W15, 5W20, 5W22, 5W24, 5W27, 5W31.
Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y. —5W1, 5W2, 5W3, 5W4, 5W5, 5W6, 5W7, 5W8, 5W9, 5W10, 5W11, 5W12, 5W13, 5W14, 5W15, 5W18, 5W19, 5W22, 5W23, 5W26, 5W29.
Sleight & Helmuth, Inc., 900 S. Clinton St., Chicago 7, Ill.—5W2, 5W6, 5W8, 5W13, 5W18, 5W32.
Sohn Manufacturing, Inc., P.O. Box 87, Plymouth, Wis.—5LL46.
Switzer Brothers, Inc., 4732 St. Clair Ave., Cleveland 3, O.—5W5, 5W6, 5W8, 5W19, 5W29.
Triangle Ink & Color Co., 329 E. 29th St., New York 17, N. Y.—5W1, 5W2, 5W4, 5W5, 5W6, 5W7, 5W8, 5W10, 5W11, 5W12, 5W13, 5W14, 5W15, 5W16, 5W22, 5W23, 5W27, 5W28.
United Printing Ink Laboratories, Inc., 1940 E. Letterly St., Philadelphia 25, Pa.—5W1, 5W2, 5W6, 5W7, 5W8, 5W13, 5W27.
○U. S. Printing Ink Corp., 66 Industrial Ave., Little Ferry, N. J.—5W2, 5W4, 5W6, 5W8, 5W10, 5W11, 5W12, 5W13, 5W15, 5W20, 5W23, 5W27, 5W31.
○Virkotype Corporation, 111 Rock Ave., Plainfield, N. J. — 5W7, 5W11, 5W27.
Wax Refining Co., 2001 S. California Ave., Chicago 8, Ill.—5W10, 5W27.
Winslow Ink Corp., 104 Greene St., New York 12, N. Y.—5W2, 5W6, 5W7, 5W8, 5W10, 5W13, 5W22, 5W27.

INSERTER, TAB OR TICKET
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INSETTERS, PREPRINTED 5HHH
Crosfield Electronics, Inc., 47 New York Ave., Westbury, N. Y.

INTAGLIO PRINTING INKS
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Abrams, The M. L., Co., 1841 Prospect Ave., Cleveland 15, O.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
○Atlantic Numbering Machine Co., 47-02 18th Ave., Brooklyn 4, N. Y.
Brackett Stripping Machine Co., 505 Jackson St., Topeka, Kan.
Crawley Book Machinery Co., 328 Keturah St., Newport, Ky.
Evans Specialty Co., Inc., 2401 Venable St., Richmond 23, Va.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
○Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.
Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.
Packer Manufacturing Co., Box 788, Green Bay, Wis.
Scheinker, Ilya, Mechanical Engineering, 35 Great Jones St., New York 12, N. Y.
Syntron Company, 577 Lexington Ave., Homer City, Pa.
Universal Jogger Co., 322 S. Fourth St., Minneapolis 15, Minn.

K

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KNIVES, MAKEREADY
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Alemite Div., Stewart - Warner Corp., 1826 Diversey Pkwy., Chicago 14, Ill.
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
Bijur Lubricating Corp., 151 W. Passaic St., Rochelle Park, N. J.
Bowser, Incorporated, 1302 E. Creighton Ave., Ft. Wayne 2, Ind.
Cook's, Adam, Sons, Inc., 5 N. Stiles St., Linden, N. J.
Lubriplate Division, Fiske Brothers Refining Co., 129 Lockwood St., Newark 5, N. J.
National Baling Press & Equipment Co., 1071 E. 48th St., Brooklyn 34, N. Y.
Rogers, Harry H., Co., Inc., 5331 S. Cicero Ave., Chicago 32, Ill.
Rothian Corporation, P.O. Box 5074, St. Louis 15, Mo.
Sol-Dor Company, The, P.O. Box 585, Athens, O.
Sun Oil Co., 1608 Walnut St., Philadelphia 3, Pa.
Whitmore Manufacturing Co., The, 3816 Iron Court, Cleveland 4, O.

M

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MAGAZINE FOLDERS
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MAGAZINE PRINTING PRESSES
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MAGNIFIERS AND REDUCERS 5BB
Abbeon Supply Co., 179-15 Jamaica Ave., Jamaica 32, N. Y.
Bache Semon, & Co., Greenwich and Morton Sts., New York 14, N. Y.
Bausch & Lomb Optical Co., 65161 Bausch, Rochester, N. Y.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.
Douthitt Corporation, 680 E. Fort St., Detroit 26, Mich.
Mark Specialty Co., 183 St. Paul St., Rochester 4, N. Y.
Ortleb Machinery Co., 3818 Laclede Ave., St. Louis 8, Mo.
Zeiss, Carl, Inc., 485 Fifth Ave., New York 17, N. Y.

MAKEREADY KNIVES
See under Tools 5TT.

MAKEREADY PASTE
See under Adhesives 5A.

MAKEREADY SYSTEMS 5DD
Cantine, Martin, Co., Saugerties, N. Y.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.
OlsenMark Corporation, 124 White St., New York 13, N. Y.
○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.
Winton Engineering Co., 2353 May St., Cincinnati, O.—Sheet markup and inspection table.

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MOTORS AND CONTROLS 5CC
○Cutler-Hammer, Incorporated, 315 N. 12th St., Milwaukee 1, Wis.
Electric Eye Equipment Co., Div. of Hurletron Corporation, Danville, Ill.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
Monitor Controller Div., Industrial Electronics Co., Inc., 99 Grove St., Rockland, Mass.
Northwestern Electric Co., 1750 N. Springfield Ave., Chicago 47, Ill.
Reliance Electric & Engineering Co., 24701 Euclid Ave., Cleveland 17, O.
Tri-Par Controls, 9353 Seymour Ave., Schiller Park, Ill.
U. S. Electrical Motors, Inc., Los Angeles 54, Calif.

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NEWSPAPER PRESS REELS AND TENSIONS
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5HH2 Numbering Machine, Rotary Press.
5HH3 Press Counters.
Also see Composing Room 1H.
American Numbering Machine Co., Atlantic and Shepherd Aves., Brooklyn 8, N. Y. — 5HH1, 5HH2.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Ameurope, Incorporated, 1199 Broadway, New York 1, N. Y.
○Atlantic Numbering Machine Co., 47-02 18th Ave., Brooklyn 4, N. Y.—5HH2, 5HH3.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.—5HH2.
Counter and Control Corp., 4503 W. Brown Deer Rd., Milwaukee, Wis.—5HH1, 5HH3.
Durant Manufacturing Co., 1900 N. Buffum St., Milwaukee 1, Wis.—5HH3.
Electronic Products Div., Post Machinery Co., 150 Elliott St., Beverly, Mass.—5HH3.
○Force, Wm. A., & Co., Inc., 216 Nicholas Ave., Brooklyn 8, N. Y.—5HH2.
Maxson Automatic Machinery Co., 98 Granite St., Westerly, R. I. —5HH1.
Miller Lauffer Printing Equipment Corp., 280 Lafayette St., New York 12, N. Y.—5HH1, 5HH3.
National Numbering Machine Co., Inc., 42-25 Ninth St., Long Island City 1, N. Y.
Photoswitch Division, Electronics Corp. of America, Cambridge 42, Mass.
Potter Instrument Co., Inc., 115 Cutter Mill Rd., Great Neck, L. I., N. Y.—5HH3.
○Radio Corp. of America, Industrial Electronic Products Corp., Front and Cooper, Camden, N. J.—5HH2.
Redington, F. B., Co., 3000 St. Charles Rd., Bellwood, Ill. —5HH3.
○Roberts Numbering Machine Div., Heller Roberts Mfg. Corp., 700 Jamaica Ave., Brooklyn 8, N. Y.—5HH2.
Speedflex Corporation, 117 West Ninth St., Los Angeles 15, Calif.—5HH2.
Super Speed Printing Machinery, Inc., 742 Sherman St., Chicago 5, Ill.
Veeder-Root, Inc., 70 Sargeant St., Hartford 2, Conn.—5HH3.
○Wetter Numbering Machine Co., Div. New Era Mfg. Co., P.O. Box 400, 233 Central Ave., Hawthorne, N. J.—5HH1, 5HH2, 5HH3.

O

OFFSET INKS
See under Inks 5W.

OFFSET BLANKETS
See under 2D Offset Index.

OFFSET PREVENTING EQUIPMENT 5EE
5EE3 Dry Powder Devices.
5EE1 Spray Gun Liquid.
5EE2 Spray Solutions.
5EE4 Spray Scanners.
Acme Gear & Machine Co., Seventh and Wood Sts., Philadelphia 6, Pa.—5EE1, 5EE2.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—5EE1, 5EE2, 5EE3.
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y. —5EE2.

California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif. — 5EE1, 5EE2, 5EE3, 5EE4.

Craig Corporation, 143 W. 20th St., New York 11, N. Y.—5EE3.

Doyle, The J. E., Co., 1220 W. Sixth St., Cleveland 13, O.—5EE2.

○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.

H. & H. Products, 1930 S. State St., Chicago 16, Ill.—5EE3.

International Dry Spray Corp., 13 E. 19th St., New York 3, N. Y.—5EE2, 5EE3.

Morningstar-Paisley, Inc., 630 W. 51st St., New York 19, N. Y. —5EE2.

○Ortman-McCain Company, 1330 W. Washington Blvd., Chicago 7, Ill.—5EE1, 5EE2, 5EE3.

ORTMAN-McCAIN COMPANY
Complete line of Spray Equipment for Graphic Arts
1330 W. Washington • Chicago, Illinois

○Oxy-Dry Sprayer Corp., 1134 W. Montrose Ave., Chicago 13, Ill. —5EE1, 5EE2, 5EE3.

Paasche Airbrush Co., Div. Cline Electric Mfg. Co., 1909 Diversey Parkway, Chicago 14, Ill. —5EE1, 5EE2.

Pneuma-Flo Systems, Inc., 127 W. 24th St., New York 11, N. Y. —5EE2, 5EE3.

Press Filter Co., 848 N. Crescent Hts. Blvd., Los Angeles 46, Calif.—5EE3.

○Simco Company, The, 920 Walnut St., Lansdale, Pa.

Static Eliminator Co., 239 Centre St., New York 13, N. Y.

Stein, Hall & Co., Inc., 285 Madison Ave., New York 17, N. Y. —5EE2, 5EE3.

Triangle Ink & Color Co., 329 E. 29th St., New York 17, N. Y.—5EE2.

United Printing Ink Laboratories, Inc., 1940 E. Letterly St., Philadelphia 25, Pa. 5EE2.

Utility Heater Co., 239 Centre St., New York 13, N. Y.

Wax Refining Co., 2001 S. California Ave., Chicago 8, Ill.—5EE2.

Winton Engineering Co., 2353 May St., Cincinnati, O.—5EE3.

Yahnke Co., J. G., 543 E. North Ave., Libertyville, Ill.—5EE3.

OFFSET PRINTING PRESSES
See under Printing Presses 5LL.

OFFSET ROLLERS
See under Rollers 5NN.

OILING SYSTEMS AND SUPPLIES
See Lubricating Equipment 5AA.

OVERLAY KNIVES
See under Tools 5TT.

OVERLAY SYSTEMS
See under Makeready Systems 5DD.

OXIDIZERS, INK
See under Heaters and Neutralizers 5V.

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PACKING FOR TYMPANS
See under Cylinder and Tympan Packing 5L.

PAPER BALERS
See Waste Paper Balers 8L.

PAPER CLEANERS 5AAA

Doyle, The J. E., Co., 1220 W. Sixth St., Cleveland 13, O.

○Oxy-Dry Sprayer Corp., 1134 W. Montrose Ave., Chicago 13, Ill.

PAPER CONDITIONING
See under Miscellaneous 8A.

PAPER GAUGES
See under Gauges and Testing Instruments 5U.

PAPER LIFTS AND TIERING MACHINES
See Paper Cutting and Processing 4D.

PAPER REELS AND TENSIONS (FOR NEWSPAPER AND MAGAZINE PRESSES) 5GG

Cameron Machine Co., Franklin Rd., Dover, N. J.

Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.

○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

Hobbs Manufacturing Co., 26 Salisbury St., Worcester 5, Mass.

○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.

○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.

○Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

PAPER ROLL TRUCKS
See under Trucks 5UU.

PAPER SHEET SCALES
See under Gauges and Testing Instruments 5U.

PAPER SHEET SIZE TESTER
See Gauges and Testing Instruments 5U.

PAPER STRENGTH GAUGES
See under Gauges and Testing Instruments 5U.

PAPER STRETCH GAUGES
See under Gauges and Testing Instruments 5U.

PAPER THICKNESS GAUGES
See under Gauges and Testing Instruments 5U.

PAPER TIERING TRUCKS
See under Paper Cutting and Processing 4D.

PAPER TYMPANS
See under Cylinder and Tympan Packing 5L.

PASTE FOR MAKEREADY
See under Adhesives 5A.

PASTERS, FLYING, FOR PRESSES
See Flying Pasters 5R.

PATENT ROLLERS
See under Rollers 5NN.

PENCIL PRINTING PRESSES
See under Printing Presses 5LL.

PERFORATING, CREASING AND CUTTING RULE
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PERFORATING, SLITTING AND SCORING ATTACHMENTS 5FF

Acme Printing Appliance Co., 9455 Seymour Ave., Schiller Park, Ill.

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

○Atlantic Numbering Machine Co., 47-02 18th Ave., Brooklyn 4, N. Y.

Beall, Jack, Vertical Service, Inc., 641 S. Dearborn St., Chicago 5, Ill.

Boyd, H. S., Co., 6915 E. 14th St., Tulsa, Okla.

Brackett Stripping Machine Co., 505 Jackson St., Topeka, Kan.

Cowan Pressroom Products, Inc., 1651 Cosmo, Hollywood 28, Calif.

Davidson Perforator Co., 319 Main St., East Berlin, Conn.

McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn.

○New Era Mfg. Co., The, 233 Central Ave., Hawthorne, N. J.

Ortleb Machinery Co., 3818 Laclede Ave., St. Louis 8, Mo.

Preferred Pressroom Products, Inc., 119 Foster St., Peabody, Mass.

PILE INVERTER 5SS

Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.

Abrams, The M. L., Co., 1841 Prospect Ave., Cleveland 15, O.

Busch, J. C., Co., 17 W. 54th St., New York 19, N. Y.

Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.

○Roto-Verter, P.O. Box 9206, Birmingham 13, Ala.

Southworth Machine Co., 30 Warren Ave., Portland 5, Me.

PLANOGRAPHIC INKS
See under Inks 5W.

PLATE GAUGES
See under Gauges and Testing Instruments 5U.

PLATE MOUNTING SYSTEMS
See Composing Room 1U.

PLATEN PRINTING PRESSES
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PLATE PRINTING INKS
See under Inks 5W.

PLATE TRUCKS
See under Platemaking 2G.

PORTABLE CLEANING BLOWERS
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PORTABLE COLOR FOUNTAINS, NEWSPAPER
See under Fountain and Accessories 5S.

POWDERS, BRONZE
See under Inks 5W.

POWDERS FOR BRONZING
See Inks 5W.

POWDERS FOR RAISED LETTER PRINTING
See Raised Letter Printing Machines 5MM.

PRESS BLANKETS
See under Cylinder and Tympan Packing 5L.

PRESS BRAKES
See Brakes for Presses 5E.

PRESS COUNTERS
See under Numbering and Counting Devices 5HH.

PRESSES, DIE CUTTING
See Die Cutting Presses 5M.

PRESSES, EMBOSSING
See Embossing Presses and Equipment 5N.

PRESS LUBRICATING EQUIPMENT AND SUPPLIES
See Lubricating Equipment 5AA.

PRESS PUNCHES
See Composing Room 1KK.

PRESS SPEED INDICATORS
See under Gauges and Testing Instruments 5U.

PRINTING PRESS BEARINGS
See Bearings 5C.

PRINTING PRESS MOTORS
See Motors and Controls 5CC.

PRINTING PRESSES 5LL

5LL 1 Automatic.
5LL 2 Bag.
5LL 3 Imprinting.
5LL 4 Bottle Cap.
5LL57 Business Form.
5LL 5 Card.
5LL 6 Carton.
5LL 8 Check.
5LL 7 Color.
5LL58 Container.
5LL47 Continuous Form.
5LL 9 Cylinder.
5LL56 Dry Offset.
5LL10 Envelope.
5LL11 Envelope Blank.
5LL12 Fanfold.
5LL59 File Card.
5LL13 File Folder.
5LL14 File Form.
5LL15 Flat Bed.
5LL46 Flexographic (Aniline)
5LL16 Form Letter.
5LL17 Fruit Stamping.
5LL18 Gravure (Sheet Fed).
5LL19 Hand.
5LL20 Index Card.
5LL21 Job.
5LL22 Label.
5LL23 Lithographic.
5LL24 Magazine.
5LL44 Makeready.
5LL51 Match Book Cover.
5LL40 Metal Decorating.
5LL48 Multiple Billing.
5LL25 Newspaper.
5LL60 Odd Shaped Objects.
5LL26 Offset.
5LL27 Pencil.
5LL45 Photogelatin.
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5LL29 Register Form.
5LL30 Roll Feed.
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5LL32 Rotary.
5LL33 Rotogravure.
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5LL42 Web.
5LL62 Wrap-Around.
5LL43 Wrapper.

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○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—5LL1, 5LL7, 5LL9, 5LL12, 5LL15, 5LL19, 5LL21, 5LL23, 5LL24, 5LL25, 5LL26, 5LL28, 5LL29, 5LL30, 5LL31, 5LL32, 5LL34, 5LL35, 5LL36, 5LL42, 5LL47, 5LL49, 5LL52, 5LL55, 5LL56, 5LL57.

Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.—5LL1, 5LL22, 5LL35, 5LL39, 5LL46.

Apex Machine Co., 14-13—118th St., College Point 56, N. Y.—5LL27, 5LL36, 5LL60.

○Atlantic Numbering Machine Co., 47-02 18th Ave., Brooklyn 4, N. Y.—5LL23, 5LL26.

Banthin Engineering Co., 1849 Main St., Bridgeport 4, Conn.—5LL1, 5LL9, 5LL15, 5LL21, 5LL26, 5LL35.

Brandtjen & Kluge, Inc., 653 Gaultier, St., Paul 3, Minn.—5LL1, 5LL28, 5LL57, 5LL61.

Business Forms Equipment Co., 4036 N.E. Portland Bldg., Portland 11, Ore.—5LL57.

○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—5LL44.

Champlain Company, Inc., Harrison Ave., Roseland, N. J.—5LL1, 5LL2, 5LL3, 5LL4, 5LL5, 5LL6, 5LL7, 5LL9, 5LL10, 5LL12, 5LL18, 5LL22, 5LL24, 5LL29, 5LL30, 5LL31, 5LL32, 5LL33, 5LL35, 5LL36, 5LL37, 5LL38, 5LL39, 5LL42, 5LL43, 5LL46, 5LL51, 5LL52, 5LL58, 5LL59.

Chandler & Price Co., The, 6000 Carnegie Ave., Cleveland 3, O. —5LL1, 5LL28.

Commander Engineering and Mfg. Co., 4375 Duncan Ave., St. Louis 10, Mo.—5LL54.

Cosom Engineering Corp., 6030 Wayzata Blvd., Minneapolis 16, Minn.—5LL4, 5LL36, 5LL60.

Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.—5LL2, 5LL6, 5LL7, 5LL8, 5LL22, 5LL24, 5LL25, 5LL26, 5LL30, 5LL31, 5LL32, 5LL33, 5LL35, 5LL36, 5LL42, 5LL43, 5LL46.

Crabtree, R. W., & Sons (Canada) Ltd., 629 Adelaide St., W., Toronto 1, Ontario, Can.—5LL23, 5LL24, 5LL25, 5LL26, 5LL33, 5LL42.

Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass.—5LL19, 5LL21, 5LL28.

Crawford, E. A., Co., P.O. Box 2216, Edgewood Sta., Providence 5, R. I.—5LL1, 5LL26, 5LL41, 5LL42, 5LL46, 5LL56.

Davidson Corporation, Sub. of Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y. —5LL1, 5LL7, 5LL26, 5LL35, 5LL52.

Dependable Compressor & Machine Co., 157 W. 21st St., New York 11, N. Y.—5LL54.

Deskfinder Company, The, P.O. Box 337, Costa Mesa 1, Calif.—5LL3.

○Didde-Glaser, Inc., 50 Hgwy. and W. 12th Ave., Emporia, Kan.—5LL1, 5LL3, 5LL7, 5LL26, 5LL30, 5LL32, 5LL34, 5LL42, 5LL49.

Dietz Machine Works, Inc., 20 W. Berkley St., Philadelphia 44, Pa.—5LL46.

Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y. —5LL2, 5LL7, 5LL24, 5LL25, 5LL26, 5LL30, 5LL42, 5LL43, 5LL46.

Egan, Frank W. & Co., S. Adamsville Rd., Somerville, N. J.—5LL33.

Faustel, Incorporated, 5109 N. 125 St., Butler, Wis.—5LL55, 5LL33, 5LL46.

Franklin Manufacturing Corp., 692 Pleasant St., Norwood, Mass.—5LL3, 5LL27, 5LL51.

Frostad Engineering Co., 3037 S. Wentworth Ave., Milwaukee 7, Wis. — 5LL36, 5LL38, 5LL43, 5LL46.

General Research & Supply Co., 572 S. Division St., Grand Rapids 3, Mich.—5LL54.

○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—5LL1, 5LL7, 5LL15, 5LL24, 5LL25, 5LL26, 5LL30, 5LL31, 5LL32, 5LL33, 5LL42, 5LL44.

Griffin, Campbell, Hayes, Walsh, Inc., 50 E. 21st St., New York 10, N. Y.—5LL36.

Haida Engineering Co., 34-11 Vernon Blvd., Long Island City 6, N. Y.—5LL15, 5LL30, 5LL32, 5LL42, 5LL46, 5LL51, 5LL52.

Halm Instrument Co., Inc., Glen Head Rd., Glen Head, L. I., N. Y.—5LL5, 5LL11.

Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O.—5LL1, 5LL8, 5LL9, 5LL12, 5LL14, 5LL16, 5LL18, 5LL 20, 5LL22, 5LL23, 5LL26, 5LL29, 5LL30, 5LL31, 5LL32, 5LL33, 5LL34, 5LL36, 5LL37, 5LL39, 5LL42, 5LL43, 5LL47, 5LL48, 5LL49, 5LL52, 5LL57.

Hantscho, George, Co., Inc., 602 S. Third Ave., Mount Vernon, N. Y.—5LL7, 5LL26, 5LL42.

Harley, E. L., Inc., 8701 Third Ave., Brooklyn 9, N. Y. —5LL35, 5LL46.

○Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—5LL1, 5LL6, 5LL7, 5LL9, 5LL11, 5LL22, 5LL23, 5LL24, 5LL26, 5LL28, 5LL32, 5LL35, 5LL40, 5LL42.

Hartnett, R. W., Co., 1025 Cherry St., Philadelphia 7, Pa.—5LL36.

○HCM Corporation, 80 Varick St., New York 13, N. Y.—5LL26, 5LL35.

○Heidelberg Automatic Presses (See Manufacturers', Suppliers' and Dealers' Index)—5LL1, 5LL3, 5LL5, 5LL6, 5LL7, 5LL8, 5LL9, 5LL10, 5LL11, 5LL15, 5LL21, 5LL22, 5LL28, 5LL37, 5LL39, 5LL60.

Heinrich Equipment Corp., 111 Eighth Ave., New York 11, N. Y. — 5LL1, 5LL2, 5LL6, 5LL7, 5LL22, 5LL30, 5LL32, 5LL38, 5LL43, 5LL46.

○Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa.—5LL2, 5LL24, 5LL26, 5LL30, 5LL31, 5LL32, 5LL42, 5LL43, 5LL46, 5LL52, 5LL56.

○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—5LL1, 5LL3, 5LL7, 5LL15, 5LL18, 5LL19, 5LL23, 5LL24, 5LL25, 5LL26, 5LL32, 5LL33, 5LL35, 5LL36, 5LL40, 5LL42, 5LL44, 5LL45.

Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.—5LL1, 5LL2, 5LL10, 5LL22, 5LL30, 5LL32, 5LL33, 5LL36, 5LL42, 5LL43, 5LL46, 5LL58.

Humphrey Design & Mfg., Inc., 16343 Euclid Ave., E. Cleveland 12, O.—5LL46.

Industrial Marking Equipment Co., Inc., 655 Berriman St., Brooklyn 8, N. Y. — 5LL2, 5LL6, 5LL58.

Inta-Roto Machine Co., Inc., P.O. Box 454, Byrd Airport, Richmond 3, Va.—5LL18, 5LL22, 5LL33, 5LL38, 5LL42, 5LL46.

Kelsey, W. A., Co., 45 Crown St., Meriden, Conn.—5LL19, 5LL21, 5LL28.

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Lawson Printing Machine Co., The, 4453 Olive St., St. Louis 8, Mo. —5LL54.

Lee Machinery Corp., 28 W. 23rd St., New York 10, N. Y.—5LL52.

Levey, Fred'k H., Co., Inc., Machinery Div., 4901 Grays Ave., Philadelphia 43, Pa. — 5LL7, 5LL23, 5LL26, 5LL30, 5LL32, 5LL36, 5LL42, 5LL46, 5LL52.

Lockwood's Incorporated, 375—11th Ave., Paterson 4, N. J.—5LL22, 5LL39.

Magnat Machinery & Pattern Corp., Leeds, Mass. — 5LL46, 5LL55.

Manhasset Machine Co., Inc., 409 Bayview Ave., Amityville, N. Y. —5LL26, 5LL30, 5LL46, 5LL47, 5LL56.

Markem Machine Co., 150 Congress St., Keene, N. H.—5LL1, 5LL3, 5LL7, 5LL22, 5LL27, 5LL30, 5LL38, 5LL40, 5LL52, 5LL54, 5LL58, 5LL60.

McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn.—5LL3, 5LL8, 5LL38.

Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis. — 5LL1, 5LL6, 5LL7, 5LL13, 5LL33, 5LL36, 5LL42, 5LL46, 5LL58.

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Miller Lauffer Printing Equipment Corp., 280 Lafayette St., New York 12, N. Y.—5LL10.

○Miller Printing Machinery Co., 1103 Reesdale St., Pittsburgh 33, Pa.—5LL1, 5LL6, 5LL7, 5LL9, 5LL15, 5LL22, 5LL24, 5LL26, 5LL33, 5LL35, 5LL37, 5LL51.

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Moore, Kenneth J., & Co., 1778 Estes Ave., Chicago 26, Ill.—5LL1, 5LL2, 5LL7, 5LL10, 5LL30, 5LL32, 5LL36, 5LL42, 5LL46, 5LL56.

Motter, John C., Printing Press Co., 907 Roosevelt Ave., York, Pa. — 5LL18, 5LL24, 5LL25, 5LL32, 5LL36, 5LL42.

○New Era Mfg. Co., 233 Central Ave., Hawthorne, N. J.—5LL5, 5LL7, 5LL15, 5LL22, 5LL29, 5LL30, 5LL36, 5LL37, 5LL39, 5LL47, 5LL49, 5LL51, 5LL52, 5LL57.

Northern Machine Works, 323 N. Fourth St., Philadelphia, Pa.—5LL26, 5LL37.

Nygren-Dahly Company, 1422 W. Altgeld St., Chicago 14, Ill.—5LL32, 5LL46.

OlsenMark Corporation, 124 White St., New York 13, N. Y.—5LL36.

Packer Manufacturing Co., Box 788, Green Bay, Wis.— 5LL2, 5LL22, 5LL38, 5LL46, 5LL57.

Paper Converting Machine Co., 2300 S. Ashland Ave., Green Bay, Wis.—5LL1, 5LL2, 5LL6, 5LL7, 5LL8, 5LL22, 5LL30, 5LL35, 5LL36, 5LL38, 5LL40, 5LL42, 5LL46, 5LL52, 5LL55, 5LL57, 5LL58.

Pearce Development Co., 1606 E. 30th St., Cleveland 14, O.—5LL22, 5LL37, 5LL39.

Peerless Roll Leaf Co., 4511 New York Ave., Union City, N. J.—5LL27, 5LL30.

Popper & Sons, Inc., 300 Fourth Ave., New York 10, N. Y.—5LL1, 5LL3, 5LL6, 5LL7, 5LL22, 5LL26, 5LL36, 5LL38, 5LL39, 5LL40, 5LL53, 5LL58, 5LL60.

○Potdevin Machine Co., 297 North St., Teterboro, N. J.—5LL2, 5LL7, 5LL22, 5LL30.

Precise Engineering Co., E. Main St., P.O. Box 128, Huntley, Ill. —5LL6, 5LL22, 5LL30, 5LL32, 5LL33, 5LL42, 5LL46, 5LL52, 5LL58.

Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.—5LL1, 5LL32, 5LL34, 5LL42, 5LL52, 5LL57.

Reynolds Printasign Co., 9830 San Fernando Rd., Pacoima, Calif.—5LL36.

Royal Zenith Corp., 180 Varick St., New York 14, N. Y.—5LL26.

Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.—5LL1, 5LL36, 5LL40.

Schriber Machinery Co., 4900 Webster St., Dayton 4, O.—5LL1, 5LL3, 5LL26, 5LL30, 5LL42, 5LL52, 5LL57.

Schriber Press Co., 4900 Webster St., Dayton 4, O. — 5LL26, 5LL42.

○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.—5LL25, 5LL33.

Showcard Machine Co., 1456 Merchandise Mart, Chicago 54, Ill. —5LL36.

Sigwalt Manufacturing Co., 4410 N. Ravenswood Ave., Chicago, Ill.—5LL19, 5LL28.

Simplex Gold Stamping Press Co., 1083 E. 52nd St., New York 36, N. Y.—5LL3.

Southworth Machine Co., 30 Warren Ave., Portland 5, Me.—5LL10.

Specialty Automatic Machine Corp., 80 Cambridge St., Burlington, Mass. — 5LL1, 5LL30, 5LL32, 5LL35, 5LL36, 5LL39, 5LL42, 5LL46.

○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.—5LL18, 5LL33, 5LL35.

Thomson - National Press Co., Dean Ave., Franklin, Mass.—5LL6, 5LL19, 5LL21, 5LL28.

Tirfing Printing Machinery, Inc., 400 Delancy St., Newark 5, N. J. — 5LL1, 5LL9, 5LL15, 5LL35.

Trapp & Kuehnle, Inc., 253 Pearl St., New York 38, N. Y.—5LL50.

○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.—5LL56.

Verner, B., Co., Inc., 52 Duane St., New York 7, N. Y.—5LL1, 5LL3, 5LL6, 5LL8, 5LL9, 5LL10, 5LL15, 5LL21, 5LL22, 5LL35, 5LL36, 5LL37, 5LL49, 5LL51.

Walbert Machine Co., 819 E. 19th St., Kansas City 8, Mo. —5LL10.

Waldron-Hartig Div., Midland-Ross Corp., P.O. Box 791, New Brunswick, N. J.—5LL1, 5LL2, 5LL6, 5LL7, 5LL26, 5LL30, 5LL32, 5LL36, 5LL42, 5LL43, 5LL46.

Waste King Corp., 3424 Wilshire Blvd., Los Angeles 5, Calif.—5LL7, 5LL26, 5LL42.

Webendorfer Company, Saugatuck, Conn.—5LL26, 5LL32, 5LL54.

Western Printing Machinery Co., 3519 N. Spaulding Ave., Chicago 18, Ill.—Color unit for Miehle two color letterpress.

Wolverine Paper Converting Machinery Corp., 18584 Fitzpatrick Ave., Detroit 28, Mich.—5LL2, 5LL46.

○Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.—5LL7, 5LL24, 5LL25, 5LL33.

Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill. —5LL1, 5LL3, 5LL4, 5LL6, 5LL11, 5LL15, 5LL18, 5LL20, 5LL21, 5LL22, 5LL23, 5LL24, 5LL26, 5LL28, 5LL29, 5LL30, 5LL33, 5LL34, 5LL36, 5LL37, 5LL38, 5LL39, 5LL40, 5LL43, 5LL46, 5LL47, 5LL48, 5LL49, 5LL51, 5LL52, 5LL53, 5LL59.

Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.—5LL26.

PROCESS INKS, THREE COLOR
See under Inks 5W.

PUMPS (AIR AND INK) 5JJ

○American Publishers Supply Inc., P.O. Box 421, Lynnfield, Mass.

Bowser, Incorporated, 1302 E. Creighton Ave., Ft. Wayne 2, Ind.

Coolant Equipment Corp., Verona Ave., Verona 6, Wis.

○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

Graymills Corporation, 3705 N. Lincoln Ave., Chicago 13, Ill. Flexographic and rotogravure.

○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.

Kellogg Div., American Brake Shoe Co., 97 Humboldt St., Rochester 9, N. Y.

Leiman Brothers, Inc., P.O. Box 1339, 146-181 Christie St., Newark 5, N. J.

Lencke Ink Pump Co., P.O. Box 1044, Reading, Pa.

Milwaukee Pump & Tank Works, Inc., 714 E. Nash St., Milwaukee 12, Wis.

Paasche Airbrush Co., 1909 Diversey Parkway, Chicago 14, Ill. Oiling guns.

PUNCHES, PRESS
See Composing Room 1KK.

Q

QUOINS, CHASES AND LOCKUP ACCESSORIES
See Composing Room 1P.

R

RACKS, CABINETS AND CHAIRS
See under Cabinets, Racks and Chairs 5G.

RACKS FOR ROLLERS
See under Cabinets, Racks and Chairs 5G.

RAISED LETTER PRINTING MACHINES AND POWDER 5MM
5MM1 Machines.
5MM2 Supplies.
5MM3 Textile Transfers.

Embosograf Corp. of America, 38 W. 21st St., New York 10, N. Y. —5MM1, 5MM2.

Embossograph Process Co., Inc., 3720—14th Ave., Brooklyn 18, N. Y.—5MM1, 5MM2, 5MM3.

Stokes, A., Co., Stokes Lane, Hudson, O.—5MM1, 5MM2.

○Virkotype Corporation, 111 Rock Ave., Plainfield, N. J.—5MM1, 5MM2, 5MM3.

REDUCERS AND MAGNIFYING GLASSES
See Magnifiers 5BB.

REDUCERS FOR PRINTING INKS
See under Inks 5W.

REELS AND TENSIONS
See Paper Reels and Tensions 5GG.

REGISTER AND LINE-UP TABLES
See Composing Room 1P.

REGISTER FORM PRESSES
See under Printing Presses 5LL.

REGISTER TESTERS FOR WEBS, STROBOSCOPE
See under Gauges and Testing Instruments 5U.

REGLET AND FURNITURE
See Composing Room 1L.

REWINDING AND SLITTING EQUIPMENT
See Slitting and Rewinding 5RR.

ROLL FEED PRINTING PRESSES
See under Printing Presses 5LL.

ROLL FORM PRINTING PRESSES
See under Printing Presses 5LL.

ROLL LEAF FEEDERS
See under Feeding, Folding and Delivery 5Q.

ROLL PAPER FEEDERS
See under Feeding, Folding and Delivery 5Q.

ROLLER CONDITIONING DEVICES 5YY

○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

Jomac, Incorporated, 6128 N. Woodstock St., Philadelphia 38, Pa.

ROLLER COOLING FANS
See Fans 5P.

ROLLER GRINDING EQUIPMENT (RUBBER)
See Rubber Roller Grinding Equipment 5OO.

ROLLER RACKS
See under Cabinets, Racks and Chairs 5G.

ROLLER SETTING GAUGES
See under Gauges and Testing Instruments 5U.

ROLLERS 5NN
5NN8 Bearings.
5NN1 Composition.
5NN2 Covered.
5NN3 Hand.
5NN4 Offset.
5NN6 Rubber.
5NN7 Synthetic Resin-like.
5NN5 Vulcanized Oil.

Alico, Incorporated, Montague, Mass.—5NN8.
○American Roller Co., 1342 N. Halsted St., Chicago 22, Ill.—5NN1, 5NN2, 5NN3, 5NN4, 5NN6, 5NN7.
Bingham Brothers Co., 406 Pearl St., New York 38, N. Y.—5NN1, 5NN2, 5NN3, 5NN4, 5NN6, 5NN7. Roller coating machine.
Bingham's, Sam'l, Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.—5NN1, 5NN2, 5NN3, 5NN4, 5NN5, 5NN6, 5NN7. Roller coating machine.
California Ink Co. Inc., 545 Sansome St., San Francisco 11, Calif. — 5NN1, 5NN2, 5NN3, 5NN4, 5NN5, 5NN6, 5NN7, 5NN8.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.—5NN1.
Dayton Industrial Products Co., Dayco Department, 2001 Janice Ave., Melrose Park, Ill.
General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.—5NN4.
Godfrey Roller Co., 211 N. Camac St. Philadelphia 7, Pa.—5NN1, 5NN2, 5NN3, 5NN4, 5NN6, 5NN7.
Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O.—5NN4, 5NN6.
Graphic Supply Co., Inc., 22 Bond St., New York, N. Y.—5NN7.
Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.—5NN3.
Hart, William C., Co., Inc., 236—25th St., Brooklyn 32, N. Y.—5NN1, 5NN2, 5NN6, 5NN7.
Hi-Speed Roller Co., Inc., 3157 Tchoupitoulas St., New Orleans 15, La.—5NN4, 5NN7.
○Ideal Roller & Mfg. Co., Inc., 2512 W. 24th St., Chicago 8, Ill.—5NN2, 5NN3, 5NN4, 5NN5, 5NN6, 5NN7. Roller sectioning machine. Roller coating machine.
McHugh J. Thomas, Co., Inc. 6800 E. 32nd St., Indianapolis 26, Ind.—5NN6.
Moreland Corporation, The, York and Fitzwatertown Rds., Willow Grove, Pa.—5NN6.
○Niles & Nelson, Inc., 75 West St., New York 6, N. Y.—5NN6.
Ohio Roller Co., Inc., 4408 Detroit Ave., Cleveland 13, O.—5NN1, 5NN2, 5NN3, 5NN4, 5NN5, 5NN6, 5NN7.
○Rapid Roller Co., 26th and Federal Sts., Chicago 16, Ill.—5NN1 5NN2, 5NN3, 5NN4, 5NN5, 5NN6, 5NN7.
Raybestos-Manhattan, Inc., Manhattan Rubber Div., 61 Willett St., Passaic, N. J. — 5NN4, 5NN6.
○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.
SKF Industries, Inc., Front St. and Erie Ave., Philadelphia 34, Pa.—5NN8.
Triumph Equipment Engineers, 6506 Walker St., Minneapolis 26, Minn.—5NN3.
Twin City Printers Roller Mfg. Co., 505 S. Third St., Minneapolis 15, Minn.—5NN1.
United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.—5NN6.
Vogt Roller Co., Inc., 222 S. 12th St., Louisville 3, Ky.—5NN1, 5NN2, 5NN3, 5NN4, 5NN5, 5NN6, 5NN7.
Wild & Stevens, Inc., 45 Industrial Pl., Newton Upper Falls, Mass.—5NN1, 5NN2, 5NN3, 5NN4, 5NN5, 5NN6.
Winn & Goodman, 440 Sansome St., San Francisco 11, Calif.—5NN1, 5NN3.

ROLLER WASHES 5GGG
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
Fergusson, Alex. C., Co., 44 E. Oregon Ave., Philadelphia 48, Pa.
Indiana Chemical & Mfg. Co., 624 E. Walnut St., Indianapolis 4, Ind.

ROLLER TRUCKS
See under Fountains and Accessories 5S.

ROTARY PRESS CUTTERS 5CCC
5CCC1 Die Cutting Cylinders.
5CCC2 Sheeters.

Beck, Charles, Machine Corp., 42 Church Rd., King of Prussia, Pa.
Champlain Company, Inc., Harrison Ave., Roseland, N. J.—5CCC1, 5CCC2.
Maxson Automatic Machinery Co., 98 Granite St., Westerly, R. I.—5CCC2.
Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St. Paul 14, Minn.—5CCC1, 5CCC2.

ROTARY PRESS MOUNTING SYSTEMS 5LLL
Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.
○Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.

ROTARY PRINTING PRESSES
See under Printing Presses 5LL.

ROTOGRAVURE INKS
See under Inks 5W.

ROTOGRAVURE PRINTING PRESSES
See under Printing Presses 5LL.

RUBBER ROLLER GRINDING EQUIPMENT 5OO
○Capital Tool & Mfg. Co., 5000 Calvert Rd., College Park, Md.
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
○Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.
LeBlond, The R. K., Machine Tool Co., Madison and Edwards Rds., Cincinnati 8, O.

RUBBER ROLLERS
See under Rollers 5NN.

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SAFETY CANS
See Composing Room 1Y.

SAFETY GUARDS 5QQ
Rathbun & Bird Co., Inc., The, 379 W. Broadway, New York 12, N. Y.

SALES BOOK PRINTING PRESSES
Business Forms Equipment 8U1.

SCALES FOR PAPER SHEETS
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SCLEROSCOPE
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SCORING, PERFORATING AND SLITTING ATTACHMENTS
See Perforating, Slitting and Scoring 5FF.

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See under Cabinets, Racks and Chairs 5G.

SECTIONAL PLATE MOUNTING SYSTEMS
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SHEET CLEANERS
See Paper Cleaners 5AAA.

SHEET FEED PRESSES
See under Printing Presses 5LL.

SHEET HEATERS
See under Heaters and Neutralizers 5V.

SHEETS, DRAW
See under Cylinder and Tympan Packing 5L.

SLITTING AND REWINDING EQUIPMENT 5RR
○American Publishers Supply Inc., P.O. Box 421, Lynnfield, Mass.
Beck, Charles, Machine Corp., 42 Church Rd., King of Prussia, Pa.
Cameron Machine Co., Franklin Rd., Dover, N. J.
○Capital Tool & Mfg. Co., 5000 Calvert Rd., College Park, Md.
Champlain Company, Inc., Harrison Ave., Roseland, N. J.
Cottrell Company, The, Sub. Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.
Crabtree, R. W., & Sons (Canada) Ltd., 629 Adelaide St. W., Toronto 1, Ontario, Can.
Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.
Doven Division, Appleton Machine Co., 618 S. Oneida St., P.O. Box 468, Appleton, Wis.
Egan, Frank W., & Co., S. Adamsville Rd., Somerville, N. J.
Faustel, Incorporated, 5109 N. 125 St., Butler, Wis.
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O.
○Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa.
Hobbs Manufacturing Co., 26 Salisbury St., Worcester 5, Mass.
Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.
Johnstone Engineering and Machine Co., First Ave. and Gay St., Parkesburg, Pa.
Kidder Press Co., Inc., 121 Broadway, Dover, N. H.
Manhasset Machinery Co., Inc., 409 Bayview Ave., Amityville, N. Y.
Mercury Engineering Co., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.
Packer Manufacturing Co., Box 788, Green Bay, Wis.
Paper Converting Machine Co., 2300 S. Ashland Ave., Green Bay, Wis.
○Potdevin Machine Co., 297 North St., Teterboro, N. J.
Precise Engineering Co., E. Main St., P.O. Box 128, Huntley, Ill.
Simonds Worden White Co., Summit St. at Negley Place, Dayton 7, O.
Speedflex Corporation, 117 West Ninth St., Los Angeles 15, Calif.
Stanford Engineering Co., Salem, Ill.
Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St. Paul 14, Minn.
Waldron-Hartig Div., Midland-Ross Corp., P.O. Box 791, New Brunswick, N. J.
Wolverine Paper Converting Machinery Corp., 18584 Fitzpatrick Ave., Detroit 28, Mich.
Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill.

SLITTING, PERFORATING AND SCORING ATTACHMENTS
See Perforating, Slitting and Scoring 5FF.

SNAPOUT PRESSES
See Printing Presses 5LL.

SPECIALTY INKS
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SPECIALTY PRINTING PRESSES
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See under Adhesives 5A.

STATIC ELIMINATORS
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STOOLS AND SEATS
See under Cabinets, Racks and Chairs 5G.

STRENGTH GAUGES FOR PAPER
See under Gauges and Testing Instruments 5U.

STROBOSCOPE
See under Gauges and Testing Instruments 5U.

SUPPLIES 5WW
5WW1 Rotary Press Knives.
5WW2 Slitters.

Barnhard Printers Supply Co., 7—13 Governor St., Newark 2, N. J.
Disston Division, H. K. Porter Co., Inc., Unruh and Milnor Sts., Philadelphia 35, Pa.—5WW2.
Ohio Knife Co., The, B. & O. Railway and Dreman Ave., Cincinnati 23, O.—5WW2.
Ryan, E. G., and Co., 153 W. Huron St., Chicago 10, Ill.
Simonds Worden White Co., Summit St. at Negley Place, Dayton 7, O.—5WW1.

SYNTHETIC RESIN-LIKE ROLLERS
See under Rollers 5NN.

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TABLES, LINE-UP AND REGISTER
See Composing Room 1P.

TACHOMETERS
See under Gauges and Testing Instruments 5U.

TAG PRINTING PRESSES
See under Printing Presses 5LL.

TAPE
See under Belts, Belting and Tape 5D.

TAPE CEMENT
See under Adhesives 5A.

TAPE MOISTENERS
See Mailing and Shipping 7J.

TAPE PRINTING PRESSES
See under Printing Presses 5LL.

TEMPERATURE INDICATORS
See Miscellaneous 8A.

TENSIONS AND REELS
See Paper Reels and Tensions 5GG.

TEXTILE TRANSFERS
See Raised Letter Printing Machines and Powders 5MM.

TEXTILE TRANSFER INK
See under Ink 5W.

THERMOGRAPHY MACHINES AND POWDERS
See Raised Letter Printing Machines 5MM.

THICKNESS GAUGES FOR PAPER
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THREE-COLOR PROCESS INKS
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TIERING MACHINES AND PAPER LIFTS
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TOOL CABINETS
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TOOLS 5TT
5TT1 Ink Knives.
5TT2 Makeready Knives.
5TT3 Overlay Knives.
5TT4 Platemakers Tools.

Barnhard Printers Supply Co., 7—13 Governor St., Newark 2, N. J.
Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.—5TT4.
Economy Novelty & Printing Co., 244 W. 39th St., New York 18, N. Y.—5TT1, 5TT2.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—5TT1, 5TT4.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.—5TT1, 5TT2, 5TT3.

Mark Specialty Co., 183 St. Paul St., Rochester 4, N. Y.—5TT1, 5TT2, 5TT3.
Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y. —5TT1.
○Rouse, H. B., & Co., 2214 North Wayne Ave., Chicago 14, Ill. Tympan stabber.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—5TT4.

TRANSFERS, TEXTILE
See under Raised Letter Printing Machines and Powders 5MM.

TRUCKS 5UU
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Form Lifts, See Composing Room 1DD.
Plate, See Stereotyping 2G37.
5UU1 Newsprint.
5UU2 Paper Roll.
5UU3 Paper Tiering.
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Baker Industrial Trucks, Div. Otis Elevator Co., 8000 Baker Ave., Cleveland 2, O.
Barrett-Cravens Company, 630 Dundee Rd., Northbrook, Ill.—5UU1, 5UU2.
Clark Equipment Co., Industrial Truck Div., 24th St., Battle Creek 151, Mich.—5UU1, 5UU2, 5UU3.
Economy Engineering Co., 4511 W. Lake St., Chicago 24, Ill.—5UU1, 5UU2, 5UU3.
Elwell-Parker Electric Co., 4205 St. Clair Ave., Cleveland 3, O. —5UU1, 5UU2, 5UU3.
Equipto, 401 S. Highland, Aurora, Ill.
Fairbanks Company, The, 393 Lafayette St., New York 3, N. Y. —5UU1, 5UU2.
○Gifford-Wood Company, One Hudson Ave., Hudson, N. Y.—5UU1, 5UU2.
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—5UU1, 5UU2, 5UU3.
○Jampol Corporation, The, 728—61st St., Brooklyn 20, N. Y.—5UU1, 5UU2, 5UU3.
Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.—5UU1, 5UU2, 5UU3.
Mercury Manufacturing Co., 4710 W. Division St., Chicago, Ill.
National Baling Press & Equipment Co., 1071 E. 48th St., Brooklyn 34, N. Y.
Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.—5UU2.
Raymond Corporation, The, 160 Madison Ave., Greene, N. Y.—5UU1, 5UU2, 5UU3.
Rotary Lift Co., Div. Dover Corp., 1054 Kansas St., Memphis 2, Tenn.—5UU1, 5UU2, 5UU3.
Yale & Towne Mfg. Co., 11000 Roosevelt Ave., Philadelphia 15, Pa.—5UU1, 5UU2, 5UU3.

TRUCKS, PAPER
See Paper Cutting and Processing 4D.

TYMPAN PAPER
See under Cylinder and Tympan Packing 5L.

TYPE HIGH GAUGES
See under Gauges and Testing Instruments 5U.

TYPE WASHES
See Composing Room 1FF.

TYPEWRITER RIBBON ATTACHMENTS FOR PLATEN PRESSES
See under Printing Presses 5LL.

V

VARIABLE SPEED CONTROLS 5KKK
Northwestern Electric Co., 1750 N. Springfield Ave., Chicago 47, Ill.

VARIABLE SPEED (Drives)
See under Drives, Variable Speed 5KK.

VARNISHING MACHINES
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VIBRATORS FOR INK ROLLERS
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W

WASHES FOR TYPE
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WASHUP DEVICES 5ZZ
5ZZ3 Fountain.
5ZZ1 Letterpress.
5ZZ2 Offset and Rotary.
○Baldwin-Gegenheimer Corp., 80 Roebling St., Brooklyn 1, N. Y. —5ZZ2, 5ZZ3.
Fergusson, Alex. C., Co., 44 E. Oregon Ave., Philadelphia 48, Pa.—5ZZ1, 5ZZ2.
○Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.—5ZZ1.
Rogers, Harry H., Co., Inc., 5331 S. Cicero Ave., Chicago 32, Ill. —5ZZ2.
Ryan, E. G., and Co., 153 W. Huron St., Chicago 5, Ill.—5ZZ2.
Speedflex Corporation, 117 West Ninth St., Los Angeles 15, Calif.—5ZZ2.
Yeager Newspaper Machinery Supply Co., P.O. Box 3974, San Juan, Puerto Rico. Fountain cleaner.—5ZZ3.

WASTE PAPER BALERS
See Miscellaneous 8L.

WASTE SAFETY CANS
See Safety Cans 5PP.

WATER COLOR INKS
See under Inks 5W.

WEBBING
See under Belts, Belting and Tapes 5D.

WEB PRINTING PRESSES
See under Printing Presses 5LL.

WEB CONTROLS 5BBB
5BBB2 Feeding, Folding and Delivery.
5BBB1 Press Register Controls.
5BBB5 Web Break Detectors.
5BBB3 Web Control Systems.
5BBB4 Web Splicers.
Cameron Machine Co., Franklin Rd., Dover, N. J.—5BBB1.
Champlain Company, Inc., Harrison Ave., Roseland, N. J.—5BBB1, 5BBB3.
Crosfield Electronics, Inc., 47 New York Ave., Westbury, N. Y.—5BBB1.
○Cutler-Hammer, Incorporated, 315 N. 12th St., Milwaukee 1, Wis. —5BBB3.
Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y. —5BBB3.
Electric Eye Equipment Co., Div. of Hurletron, Incorporated, 1938 E. Fairchild St., Danville, Ill. —5BBB1.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.—5BBB1.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—5BBB1.
Huck Company, 72 W. 45th St., New York 36, N. Y.—5BBB1, 5BBB2, 5BBB3.
○Korthe Engineering Co., 9353 Seymour Ave., Schiller Park, Ill.—5BBB3.

Cooksey System of Web Break Detection
For more information see Advertisers' Index for advertisement.
KORTHE ENGINEERING CO.
Schiller Park, Illinois

Photoswitch Division, Electronics Corp. of America, Cambridge 42, Mass.—5BBB1.
Production Monitoring System Div., Frost Associates, 213 East 25th Street, Baltimore 18, Md. —5BBB5.
Speedflex Corporation, 117 West Ninth St., Los Angeles 15, Calif.—5BBB1.
Stanford Engineering Co., Salem, Ill.—5BBB3.
Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St. Paul 14, Minn.—5BBB4.
Waldron-Hartig Div., Midland-Ross Corp., P.O. Box 791, New Brunswick, N. J.—5BBB3.

WEB REGISTER TESTING DEVICES, STROBOSCOPES
See under Gauges and Testing Instruments 5U.

WIPER SAFETY CANS
See Safety Cans 5PP.

WIPING CLOTHS 5VV.
American Cotton Products Co., 2516 S. Damen Ave., Chicago 8, Ill.
American Sanitary Rag Co., 336 W. 37th St., Chicago, Ill.
Atlas Sponge Co., 2520 S. Damen Ave., Chicago 8, Ill.
Callaway Mills, 295 Fifth Ave., New York 16, N. Y.
Columbia Wiping Cloth Co., 1720 Wabash Ave., Kansas City 1, Mo.
Maryland Wiping Cloth Co., 1810 Worcester St., Baltimore 30, Md.
National Wiping Cloth Co., 2519 N. Second St., Philadelphia, Pa.
Ohio Wiping Cloth Mfg. Co., The, 1600 Woodland Ave., Cleveland 15, O.
Sanitary Wiping Cloth Co., 1550 Ridgley St., Baltimore 30, Md.
Standard Rewashed Wipers Co., 3120 Shields Ave., Chicago, Ill.
Standard Wiping Materials, 645 Dean St., Brooklyn 38, N. Y.
U. S. Wiping Cloth Co., No. 1 Convent St., St. Louis 4, Mo.

***Printing Production* Filing System**

6 — Bindery Index

HOW TO USE THIS INDEX—This Bindery Index is comprised of two parts. Immediately below is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically, and includes a cross-index of equipment and supplies. Products may be found by alphabetical reference either in the Key or in the Main Index. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

KEY FOR BINDERY INDEX

- **6A** Adhesives
- **6B** Binding Materials
  - 6B6 Banding
  - 6B1 Cloth
  - 6B2 Leather
  - 6B3 Leather Substitutes
  - 6B7 Plastic
  - 6B4 Tape
  - 6B5 Thread and Twine
- **6AAA** Blowers (Portable Cleaning)
- **6C** Board Bevelers
- **6QQ** Book Covering Machines
- **6SS** Book Jacketing Machines
- **6D** Book Smashing and Compressing Machines
- **6TT** Building-in Machines
- **6E** Case Machines
  - 6E1 Case Back Forming
  - 6E2 Case Bending
  - 6E3 Case Feeding
  - 6E4 Case Making
- **6L** Collating Machines
  - 6L1 Automatic
  - 6L2 Automatic with Envelope Stuffing Mechanism
  - 6L4 Business Forms
  - 6L5 Collating and Stitching
  - 6L6 Hand
  - 6L3 Semi-Automatic
  - 6L7 Tipper-Collator
- **6F** Continuous Trimmers
- **6XX** Counters
  - 6XX1 Batch
  - 6XX2 Counter and Stacker
- **6G** Crimping, Creasing and Scoring Machines
- **6OO** Deckling, Pebbling and Roughing Machines
  - 6OO1 Deckling
  - 6OO2 Pebbling
  - 6OO3 Roughing
- **6LL** Die Cutting Machines (Hollow Die)
- **6H** Drilling and Drill Slotting Machines
- **6J** Eyeletting Machines
- **6WW** Flocking Machines
- **6K** Foil and Leaf
- **6KK** Folding Machines
  - 6KK1 Circular Letter Folders
  - 6KK2 Folding Machines
  - 6KK3 Magazine Folders
  - 6KK4 Newspaper Folders
  - 6KK5 Specialty Folders
- **6PP** Folding Machine Counters
- **6M** Gluing and Pasting Equipment
  - 6M1 Glue Pots and Tanks
  - 6M2 Gluing
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⊙Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

Arabol Manufacturing Co., 110 E. 42nd St., New York 17, N. Y.

Bingham Brothers Co., 406 Pearl St., New York 38, N. Y.

Burrage Glue Co., 15 Vandewater St., New York 38, N. Y.

Champion Manufacturing Co., Inc., 824 N. Caldwell St., Charlotte 6, N. C.

Cooper, Peter, Corps., Palmer St., Gowanda, N. Y.

Du Pont, E. I., de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.

Gane Brothers & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O.

Green's Paste Works, 200 Liverpool Rd., Liverpool, N. Y.

Hoyt, Arthur S., Co., Inc., 20 Jerusalem Ave., Hicksville, L. I., N. Y.

Johnson, Wm. R., Co., Inc., 3131 Western Ave., Seattle 1, Wash.

Lox Manufacturing Co., 3310 E. 31st St., Kansas City 28, Mo.

Manhattan Adhesives Corp., 425 Greenpoint Ave., Brooklyn 22, N. Y.

Merritt Products Co., 1747 Chester Ave., Cleveland 14, O.

Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn. Adhesive two side mounting film.

Morningstar-Paisley, Inc., 630 W. 51st St., New York 19, N. Y.

National Adhesives Div., National Starch and Chemical Corp., 750 Third Ave., New York, N. Y.

Permacel, U. S. Highway No. 1, New Brunswick, N. J.

Rotobond, Inc., P.O. Box 69, Bound Brook, N. J.

Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.

Rubba, Incorporated, 1015 East 173rd St., New York 60, N. Y.

Stein, Hall & Co., Inc., 285 Madison Ave., New York 17, N. Y.

Twin City Printers Roller Mfg. Co., 505 S. Third St., Minneapolis 15, Minn.

Union Rubber & Asbestos Co., 232 Allen St., Trenton 6, N. J.

United Shoe Machinery Corp., 140 Federal St., Boston 7, Mass.

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Gummed Tape & Devices Co., 66 York St., Jersey City, 2, N. J.

Mid-States Gummed Paper Div. of Minnesota Mining & Mfg. Co., 6850 S. Harlem Ave., Bedford Park, Ill.—6B1, 6B4.

Permacel, U. S. Highway No. 1, New Brunswick, N. J.—6B4.

Plastic Binding Corp., 732 Sherman St., Chicago 5, Ill.—6B7.

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United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.—6B3.

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Ace-Sycamore, Incorporated, 448 Dekalb Ave., Sycamore, Ill.

American Standard, Industrial Division, 8111 Tireman Ave., Dearborn, Mich.

Invincible Vacuum Cleaner Mfg. Co., Dover, O.

Lamson Corporation, 250 Lamson St., Syracuse 1, N. Y.

Paasche Airbrush Co., Div., Cline Electric Mfg. Co., 1909 Diversey Parkway, Chicago 14, Ill.

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Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.

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Berry Machine Co., 716 N. First St., St. Louis 2, Mo.

Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

○Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.

○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.

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Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

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○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.—6E1, 6E3, 6E4.

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Addressograph-Multigraph Corp., 1200 Babbitt Rd., Cleveland 17, O.—6L1.

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Cummington Corporation, 718 Beacon St., Boston 15, Mass.—6L1.

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Friden, Inc., 2350 Washington Ave., San Leandro, Calif.—6L1.

Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.—6L1, 6L6.

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Packer Manufacturing Co., Box 788, Green Bay, Wis.

Parnat Business Machines Corp., 1816 Boston Rd., New York 60, N. Y.—6L1, 6L2, 6L5.

Pearce Development Co., 1606 E. 30th St., Cleveland 14, O.—6L1, 6L4.

Pierce Specialized Equipment Co., 350 Peninsular Ave., San Mateo, Calif.

Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.—6L4.

Rosback, F. P., Co., 225 Fifth Ave., Benton Harbor, Mich.—6L5.

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Speedflex Corporation, 117 West Ninth St., Los Angeles 15, Calif.—6L4.

Super Speed Printing Machinery, Inc., 742 Sherman St., Chicago 5, Ill.—6L3, 6L7.

○Thomas Collator Industries, Inc., 100 Church St., New York 7, N. Y.—6L3, 6L6.

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Lawson Company, The, Div. Miehle-Goss-Dexter, Inc. 2011 Hastings St., Chicago 8, Ill.

○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.

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Cheshire, Incorporated, 1644 N. Honore St., Chicago 22, Ill.

○Cutler-Hammer, Inc., 315 N. 12th St., Milwaukee 1, Wis.—6XX2.

Miller Lauffer Printing Equipment Corp., 280 Lafayette St., New York 12, N. Y.—6XX1.

Photoswitch Division, Electronics Corp. of America, Cambridge 42, Mass.

Potter Instrument Co., Inc., 115 Cutter Mill Rd., Great Neck, L.I., N. Y.

○Sheridan, T. W. & C. B., 220 Church St., New York 13, N. Y.—6XX2.

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Chandler & Price Co., The, 6000 Carnegie Ave., Cleveland 3, O.

Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

○Heidelberg Automatic Presses (See Manufacturers', Suppliers' and Dealers' Index).

Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.

○Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

OlsenMark Corporation, 124 White St., New York 13, N. Y.

○Potdevin Machine Co., 297 North St., Teterboro, N. J.

Thomson-National Press Co., Dean Ave., Franklin, Mass.

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Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.—6OO2, 6OO3.

Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.—6OO2, 6OO3.

Waldron-Hartig Div., Midland-Ross Corp., P.O. Box 791, New Brunswick, N. J.—6OO2, 6OO3.

DIE CUTTING MACHINES (HOLLOW DIE) 6LL

○Heidelberg Automatic Presses (See Manufacturers', Suppliers' and Dealers' Index).

Hobbs Manufacturing Co., 26 Salisbury St., Worcester 5, Mass.

Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.

○Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.

○Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.

Thomson-National Press Co., Dean Ave., Franklin, Mass.

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○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Berry Machine Co., 716 N. First St., St. Louis 2, Mo.

○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.

Challenge®
for
MOST COMPLETE LINE
OF PAPER DRILLS
See your local Challenge Dealer

Climax Manufacturing Co., 1625 E. Chestnut St., Santa Ana, Calif.

Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

○Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.

Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

Mick, Walter K., Co., 500 Roberts St., St. Paul 1, Minn.

Nygren-Dahly Company, 1422 W. Altgeld St., Chicago 14, Ill.

○Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.

Super Speed Printing Machinery, Inc., 742 Sherman St., Chicago 5, Ill.

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Graeber Stringing & Wiring Machine Co., Div. New Era Mfg. Co., 233 Central Ave., Hawthorne, N. J.

United Shoe Machinery Corp., 140 Federal St., Boston 7, Mass.

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Waldron-Hartig Div., Midland-Ross Corp., P.O. Box 791, New Brunswick, N. J.

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All Purpose Roll Leaf Corp., 37 W. Century Rd., Paramus, N. J.

Franklin Manufacturing Corp., 692 Pleasant St., Norwood, Mass.

Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

General Roll Leaf Mfg. Co., 85-03 —57th Ave., Elmhurst 73, N. Y.

Gold Leaf & Metallic Powders Inc., 145 Nassau St., New York 38, N. Y.

Grauert, Ralph W., Inc., 100 Gold St., New York 38, N. Y.

Griffin, Campbell, Hayes, Walsh, Inc., 50 E. 21st St., New York 10, N. Y.

Halvorfold Kwikprint Co., 700 E. Union St., Jacksonville, Fla.

Hastings & Company, Inc., 2314 Market St., Philadelphia 3, Pa.

OlsenMark Corporation, 124 White St., New York 13, N. Y.

Peerless Roll Leaf Co., Inc., 4511 New York Ave., Union City. N. J.

Simplex Gold Stamping Press Co., 1083 E. 52nd St., New York 36, N. Y.

Solar Gold Leaf Co., 216 Alabama St., Brooklyn 7, N. Y.

Wehrung & Billmeier Co., 3624 Lincoln Ave., Chicago 13, Ill.

Wynn Manufacturing Co., Seventh and Green Sts., Philadelphia 23, Pa.

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6KK3 Magazine Folders.
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Addressograph-Multigraph Corporation, 1200 Babbitt Rd., Cleveland 17, O.—6KK1.

Anderson, C. F., & Co., 3225 Calumet Ave., Chicago 16, Ill.—6KK3.

Baum, Russell Ernest, Inc., 1540 Wood St., Philadelphia 2, Pa. —6KK1 6KK2, 6KK3, 6KK4, 6KK5.

Brown Folding Machine Co., 3771 **Chester Ave., Cleveland 14, O.—6KK2, 6KK5.**

○Challenge Machinery Co., 19 N. First St., Grand Haven, Mich. —6KK2.

Challenge
for
TABLE MODEL
FOLDING MACHINES
See your local Challenge Dealer

Chicago Machinery Laboratory, Inc., 6200 W. 60th St., Chicago 38, Ill.—6KK2.

Davidson Corporation, Sub. of Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y. —6KK5.

Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.—6KK2, 6KK3, 6KK4, 6KK5.

Dietz Machine Works, Inc., 20 W. Berkley St., Philadelphia 44, Pa.—6KK2.

Farrington Business Machines Corp., Industrial Park, New Bedford, Mass.—6KK2.

McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn.—6KK2.

Mendes, J. Curry, Corp., New Bedford Industrial Park, New Bedford, Mass.—6KK2.

Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.—6KK5.

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Motter, John C., Printing Press Co., 907 Roosevelt Ave., York, Pa.—6KK3, 6KK4.

○**New Era Mfg. Co., 233 Central Ave., Hawthorne, N. J.—6KK5.**

Parnat Business Machines Corp., 1816 Boston Rd., New York 60, N. Y.—6KK1, 6KK2, 6KK3.

Pitney-Bowes, Inc., Walnut and Pacific Sts., Stamford, Conn.—6KK1, 6KK2.

Schriber Machinery Co., 4900 Webster St., Dayton 4, O.—6KK5.

Specialty Automatic Machine Corp., 80 Cambridge St., Burlington, Mass.—6KK5.

Super Speed Printing Machinery, Inc., 742 Sherman St., Chicago 5, Ill.—6KK2.

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Durant Manufacturing Co., 1900 N. Buffum St., Milwaukee 1, Wis.

Maxson Automatic Machinery Co., 98 Granite St., Westerly, R. I.

Munro, W. L., 401 Broadway, New York 13, N. Y.

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○Didde-Glaser, 50 Highway and W. 12th Ave., Emporia, Kan.—6M2.

Dietz Machine Works, Inc., 20 W. Berkley St., Philadelphia 44, Pa. —6M2.

Dollahite, K. J., Co., 106 W. 15th St., Ft. Worth 2, Tex.—6M9.

Farrington Business Machines Corp., Industrial Park, New Bedford, Mass.—6M2.

Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

Grammes, L. F., & Sons, 346 Union St., Allentown, Pa.—6M2, 6M3.

Haida Engineering Co., 34-11 Vernon Blvd., Long Island City 6, N. Y.—6M3.

Hold Heet Products Co., 905 Belmont Ave., Chicago 14, Ill.—6M1.

Mendes, J. Curry, Corp., New Bedford Industrial Park, New Bedford, Mass.—6M2.

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Paasche Airbrush Co., 1909 Diversey Pkwy., Chicago 14, Ill.—6M7, 6M9.

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Specialty Automatic Machine Corp., 80 Cambridge St., Burlington, Mass.

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Graeber Stringing & Wire Machine Co., Div. New Era Mfg. Co., 233 Central Ave., Hawthorne, N. J.

National Bundle Tyer Co., 320 Adrian St., Blissfield, Mich.

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General Binding Corp., 1101 Skokie Hgwy., Northbrook, Ill.

Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.

Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.

Moore, Kenneth J., & Co., 1778 W. Estes Ave., Chicago 26, Ill.

Precise Engineering Co., E. Main St., P.O. Box 128, Huntley, Ill.

Rotobond, Incorporated, P.O. Box 69, Bound Brook, N. J.

Waldron-Hartig Div., Midland-Ross Corp., P.O. Box 791, New Brunswick, N. J.

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Aigner, G. J., Co., 426 S. Clinton St., Chicago 7, Ill.

Shyers Bookbinding Corp., 212 Johnson Ave., Newark 8, N. J.

Sloves Mechanical Binding Corp., 601 W. 26th St., New York 13, N. Y.

Spiral Binding Co., Inc., Coliseum Tower, 10 Columbus Circle, New York 19, N. Y.

Tenacity Manufacturing Co., Cooper and Hosea Sts., Lockland 15, O.

M

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Grammes, L. F., & Sons, 346 Union St., Allentown, Pa.

Stuebing Automatic Machine Co., 3424 Beekman St., Cincinnati 23, O.

MOTORS AND CONTROLS 6O

○Cutler-Hammer, Incorporated, 315 N. 12th St., Milwaukee 1, Wis.

○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.

Monitor Controller Div., Industrial Electronics Co., Inc., 99 Grove St., Rockland, Mass.

Northwestern Electric Co., 1750 N. Springfield Ave., Chicago 47, Ill.

Reliance Electric & Engineering Co., 24701 Euclid Ave., Cleveland 17, O.

Tri-Par Controls, 9353 Seymour Ave., Schiller Park, Ill.

U. S. Electrical Motors, Inc., Los Angeles 54, Calif.

MOUNTING MACHINES
See under Gluing and Pasting Equipment 6M.

N

NEEDLES FOR SEWING MACHINES
See Sewing Machines 6X.

NUMBERING AND COUNTING MACHINES
See Pressroom 5HH.

NUMBERING AND PAGING MACHINES
See Paging and Numbering Machines 6P.

NUMBERING MACHINES
See Composing Room 1H.

P

PAGING AND NUMBERING MACHINES 6P

American Numbering Machine Co., Atlantic and Shepherd Aves., Brooklyn 8, N. Y.

○Atlantic Numbering Machine Co., 47-02 18th Ave., Brooklyn 4, N. Y.

○Force, Wm. A., & Co., Inc., 216 Nichols Ave., Brooklyn 8, N. Y.

Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

Hickok, W. O., Mfg. Co., Ninth and Cumberland Sts., Harrisburg, Pa.

McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn.

Pitney-Bowes, Inc., Walnut and Pacific Sts., Stamford, Conn.

○Roberts Numbering Machine Div., Heller Roberts Mfg. Corp., 700 Jamaica Ave., Brooklyn 8, N. Y.

PALLET PRESSES

See under Presses 6T.

PAPER BALERS

See Waste Paper Balers 8L.

PAPER CUTTERS

See Paper Cutting and Processing 4F.

PAPER RULING MACHINES

See Ruling Machines and Accessories 6W.

PASTE

See Adhesives 6A.

PASTING AND GLUING EQUIPMENT

See Gluing and Pasting Equipment 6M.

PASTING MACHINES

See under Gluing and Pasting Equipment 6M.

PATCH MACHINES 6Q

Graeber Stringing & Wiring Machine Co., Div. New Era Mfg. Co., 233 Central Ave., Hawthorne, N. J. Patch and eyeletting machine.

Pearce Development Co., 1606 E. 30th St., Cleveland 14, O.

PERFORATING MACHINES 6R

American Perforator Div., Heller Roberts Mfg. Corp., 700 Jamaica Ave., Brooklyn 8, N. Y.

Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.

Davidson Perforator Co., 319 Main St., East Berlin, Conn.

Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

○Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.

Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn. For stamps and coupons.

Nygren-Dahly Company, 1422 W. Altgeld St., Chicago 14, Ill.

Packer Manufacturing Co., Box 788, Green Bay, Wis.

Pierce Specialized Equipment Co., 350 Peninsular Ave., San Mateo, Calif.

Rosback, F. P., Co., 225 Fifth Ave., Benton Harbor, Mich.

Southworth Machine Co., 30 Warren Ave., Portland 5, Me.

PERFORATING, PUNCHING AND ROUND CORNERING MACHINES 6S

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Atlantic Numbering Machine Co., 47-02 18th Ave., Brooklyn 4, N. Y.

○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.

Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass.

General Binding Corp., 812 W. Belmont Ave., Chicago 14, Ill.

Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

○Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.

Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

Mick, Walter K., Co., 500 Robert St., St. Paul 1, Minn.

Nygren-Dahly Company, 1422 W. Altgeld St., Chicago 14, Ill.

Packer Manufacturing Co., Box 788, Green Bay, Wis.

○Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.

Rosback, F. P., Co., 225 Fifth Ave., Benton Harbor, Mich.

Southworth Machine Co., 30 Warren Ave., Portland 5, Me.

Spiral Binding Co., Inc., Coliseum Tower, 10 Columbus Circle, New York 19, N. Y.

Standard Paper Box Machine Co., Inc., 476 Broome St., New York 13, N. Y.

Super Speed Printing Machinery, Inc., 742 Sherman St., Chicago 5, Ill.

PLATE PRESSES

See under Presses 6T.

PLATFORM TRUCKS

See Paper Cutting and Processing 4D.

POTS AND KETTLES, GLUE

See under Gluing and Pasting Equipment 6M.

PRESSES 6T

6T1 Backers.
Baling.
See Waste Paper Balers 8L.
6T2 Banding and Bundling.
6T12 Die Cutting.
6T3 Die Stamping.
6T4 Embossing.
6T10 Gold Stamping.
6T11 Imprinting.
6T9 Padding.
6T5 Pallet.
6T6 Plate Printing.
See also Pressroom 5N and 5LL.
6T7 Standing.
6T8 Tabbing.

Altair Machinery Corp., 55 Vandam St., New York 13, N. Y. —6T3, 6T10.

Anderson, C. F., & Co., 3225 Calumet Ave., Chicago 16, Ill. —6T2, 6T8.

Apex Machine Co., 14-13—118th St., College Point 56, N. Y.—6T4, 6T10.

Berry Machine Co., 716 N. First St., St. Louis 2, Mo.—6T2, 6T7.

Brandtjen & Kluge, Inc., 653 Gaultier, St. Paul 3, Minn.—6T3, 6T4.

Champion Manufacturing Co., Inc., 824 N. Caldwell St., Charlotte 6, N. C.—6T9.

Chandler & Price Co., The, 6000 Carnegie Ave., Cleveland 3, O. —6T3, 6T4

Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass.—6T4.

Crawley Book Machinery Co., 328 Keturah St., Newport, Ky.—6T1.

Cronite Company, Inc., 8707 Hudson Blvd., North Bergen, N. J. —6T3.

Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.—6T1, 6T2, 6T3, 6T4.

Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.

Dollahite, K. J. Co., 106 W. 15th St., Ft. Worth 2, Tex.—6T9.

Farrington Business Machines Corp., Industrial Park, New Bedford, Mass.

Franklin Manufacturing Corp., 692 Pleasant St., Norwood, Mass.—6T4, 6T10.

Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.—6T1, 6T2, 6T3, 6T4, 6T5, 6T6, 6T7, 6T8, 6T9, 6T10.

Gibson Specialties, 6333 S. Ashland Ave., Chicago 36, Ill.—6T9.

Grauert, Ralph W., Inc., 100 Gold St., New York 38, N. Y.—6T3.

Griffin, Campbell, Hayes, Walsh, Inc., 50 E. 21st St., New York 10, N. Y.—6T10.

Halvorfold Kwikprint Co., 700 E. Union St., Jacksonville, Fla.—6T4, 6T10.

○Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—6T1, 6T3, 6T4.

○Heidelberg Automatic Presses (See Manufacturers', Suppliers', and Dealers' Index) — 6T3, 6T4, 6T10.

Hickok, W. O., Mfg. Co., Ninth and Cumberland Sts., Harrisburg, Pa.—6T1, 6T2, 6T5, 6T7.

Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.—6T2, 6T4.

Mendes, J. Curry, Corp., New Bedford Industrial Park, New Bedford, Mass.—6T11.

Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.—6T4.

OlsenMark Corporation, 124 White St., New York 13, N. Y.—6T4, 6T10.

Peerless Roll Leaf Co., Inc., 4511 New York Ave., Union City, N. J.—6T4, 6T10.

○Potdevin Machine Co., 297 North St., Teterboro, N. J.—6T4.

Renz, Fred, & Sons, Inc., 7025—83rd St., Glendale, L. I. 27, N. Y.—6T2.

○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y. —6T1, 6T3, 6T4.

Simplex Gold Stamping Press Co., 1083 E. 52nd St., New York 36, N. Y.—6T4, 6T10.

Sohn Manufacturing, Inc., P.O. Box 87, Plymouth, Wis.—6T12.

Telemat Corporation, 21 Lafayette St., Worcester 8, Mass.—6T9.

Thomson - National Press Co., Dean Ave., Franklin, Mass.—6T3, 6T4.

U. S. Steel Supply Div., U. S. Steel Corp., 208 S. LaSalle St., Chicago 4, Ill.—6T2.

Wynn Manufacturing Co., Seventh and Green Sts., Philadelphia 23, Pa.—6T10.

PROCESS BINDING 6HH

6HH1 Machines.
6HH2 Materials.

Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill. Hot melt binding.

General Binding Corp., 1101 Skokie Hgwy., Northbrook, Ill.—6HH1, 6HH2.

Nygren-Dahly Company, 1422 W. Altgeld St., Chicago 14, Ill. Punch heads for various systems, punch blocks for various sizes and styles of holes.

Plastic Binding Corp., 732 Sherman St., Chicago 5, Ill.—6HH1, 6HH2.

Reeve Electronics, Inc., 609 W. Lake St., Chicago 6, Ill.

Sloves Mechanical Binding Co., 601 W. 26th St., New York 13, N. Y.

Spiral Binding Co., Inc., Coliseum Tower, 10 Columbus Circle, New York 19, N. Y.

Tauber Plastics, Inc., 200 Hudson St., New York 13, N. Y.—6HH1, 6HH2.

PRESSES, BALING

See Waste Paper Balers 8L.

PRINTING PRESSES

See under Pressroom 5LL.

PUNCHING, PERFORATING AND ROUND CORNERING MACHINES

See Perforating, Punchings and Round Cornering Machines 6S.

R

RECORDERS, TIME CLOCK

See Miscellaneous 8J.

REGISTER CONTROLS, WEB 6NN

6NN2 Feeding, Folding and Delivery.
6NN1 Web Register Controls.

Champlain Company, Inc., Harrison Ave., Roseland, N. J.

○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.

Photoswitch Division, Electronics Corp. of America, Cambridge 42, Mass.—6NN1.

REWINDING AND SLITTING MACHINES

See Slitting and Rewinding Machines 6Z.

ROLL-LEAF FEEDERS

See Pressroom 5Q.

ROUND CORNER CUTTERS 6U

Altair Machinery Corp., 55 Vandam St., New York 13, N. Y.

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.

Climax Manufacturing Co., 1025 E. Chestnut St., Santa Ana, Calif.

Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass.

Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

○Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.

Hickok, W. O., Mfg. Co., The, Ninth and Cumberland Sts., Harrisburg, Pa.

Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

○Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.

Southworth Machine Co., 30 Warren Ave., Portland 5, Me.

Super Speed Printing Machinery, Inc., 742 Sherman St., Chicago 5, Ill.

ROUND CORNERING, PERFORATING AND PUNCHING MACHINES

See Perforating, Punching and Round Cornering Machines 6S.

ROUNDING AND BACKING MACHINES 6V

Crawley Book Machinery Co., 328 Keturah St., Newport, Ky.

Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.

RULING MACHINES AND ACCESSORIES 6W

Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.

Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

Hickok, W. O., Mfg. Co., Ninth and Cumberland Sts., Harrisburg, Pa. Inserting attachment.

McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn.

Renz, Fred, & Sons, Inc., 7025—83rd St., Glendale, L. I., 27, N. Y.

S

SAFETY CANS

See Composing Room 1Y.

SAWS, BAND, FOR GANG WORK 6RR

DoAll Company, The, 254 N. Laurel Ave., Des Plaines, Ill.

SCORING MACHINES

See under Crimping, Creasing and Scoring Machines 6G.

SEWING MACHINES 6X

6X1 Machines.
6X2 Needles.

Chicago Machinery Laboratory, Inc., 6200 W. 60th St., Chicago 38, Ill.—6X1.

Crawley Book Machinery Co., 328 Keturah St., Newport, Ky.—6X1.

Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.—6X1.

○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y. —6X1.

Stolp-Gore Co., 123 S. Jefferson St., Chicago 6, Ill.—6X1.

SHEARS AND BLADES 6Y
6Y2 Blades.
6Y1 Shears.
Chapman Knives & Saws, Inc., 4040 Clayton, St. Louis 10, Mo. —6Y2.
Coes Knife Co., 72 Coes St., Worcester 3, Mass.
Disston Division, H. K. Porter Co., Inc., Unruh and Milnor Sts., Philadelphia 35, Pa.—6Y2.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.—6Y1, 6Y2.
Hickok, W. O., Mfg. Co., Ninth and Cumberland Sts., Harrisburg, Pa.—6Y1.
Hobbs Manufacturing Co., 26 Salisbury St., Worcester 5, Mass.—6Y1, 6Y2.
Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.
Wapakoneta Machine Co., Wapakoneta, O.—6Y2.

SIGNATURE BUNDLING PRESSES
See under Presses 6T.

SIGNATURE NOTCHER 6VV
Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

SKIDS FOR TRUCKS
See Paper Cutting and Processing 4D.

SLITTING AND REWINDING MACHINES 6Z
○American Publishers Supply, Inc., P.O. Box 421, Lynnfield, Mass.
Beck, Charles, Machine Corp., 42 Church Rd., King of Prussia, Pa.
Cameron Machine Co., Franklin Rd., Dover, N. J.
Champlain Company, Inc., Harrison Ave., Roseland, N. J.
Cottrell Company, The, Sub. Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.
Davidson Perforator Co., 319 Main St., East Berlin, Conn.
Dietz Machine Works, Inc., 20 W. Berkley St., Philadelphia 44, Pa.
Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.
Disston Division, H. K. Porter Co., Inc., Unruh and Milnor Sts., Philadelphia 35, Pa. Knives only.
Egan, Frank W. & Co., S. Adamsville Rd., Somerville, N. J.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O.
Hobbs Manufacturing Co., 26 Salisbury St., Worcester 5, Mass.
Hudson Sharp Machine Co., Sub. Food Machinery & Equipment Corp., 1201 Main St., Green Bay, Wis.
Johnstone Engineering and Machine Co., First Ave. and Gay St., Parkesburg, Pa.
Kidder Press Co., Inc., 121 Broadway, Dover, N. H.
Manhasset Machine Co., Inc., 409 Bayview Ave., Amityville, N. Y.
McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn.
Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.
Packer Manufacturing Co., Box 788, Green Bay, Wis.
Paper Converting Machine Co., 2300 S. Ashland Ave., Green Bay, Wis.
○Potdevin Machine Co., 297 North St., Teterboro, N. J.
Simonds Worden White Co., Summit St. at Negley Place, Dayton 7, O.
Stanford Engineering Co., Salem, Ill.
Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St. Paul 14, Minn.
Waldron-Hartig Div., Midland-Ross Corp., P.O. Box 791, New Brunswick, N. J.
Wolverine Paper Converting Machinery Corp., 18584 Fitzpatrick Ave., Detroit 28, Mich.
Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill.

SLOTTING MACHINES
See Drilling and Drill Slotting Machines 6H.

SMASHING MACHINES
See Book Smashing Machines 6D.

STABBING MACHINES 6AA
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Hickok, W. O., Mfg. Co., Ninth and Cumberland Sts., Harrisburg, Pa.

STANDING PRESSES
See under Presses 6T.

STAPLING MACHINES 6BB
6BB1 Machines.
6BB2 Wire.
Acme Staple Co., W. Main St., Franklin, N. H.—6BB1, 6BB2.
American Steel & Wire Div., U. S. Steel Corp., 614 Superior Ave., N.W., Cleveland 13, O.—6BB2.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
American Wood Type Mfg. Co., 42-25 Ninth St., Long Island City 1, N. Y.—6BB1.
Bostitch, Incorporated, East Greenwich, R. I.—6BB1, 6BB2.
Chicago Steel & Wire Co., 10257 Torrence Ave., Chicago 17, Ill. —6BB2.
Markwell Manufacturing Co., Inc. 200 Hudson St., New York 13, N. Y.—6BB1, 6BB2. Hand operated.
New Jersey Wire Stitching Machine Co., 604 S. Second St., Camden 3, N. J.—6BB1
○Pate Company, The, 6124 N. Pulaski Rd., Chicago 46, Ill.—6BB1, 6BB2.
Porter, H. K., Co., Riverside-Alloy Metal Div., Prentiss Wire Mills, 439 Dwight St., Holyoke, Mass.—6BB2.

STITCHING MACHINES 6CC
6CC1 Machines.
6CC2 Wire.
Acme Steel Co., 135th St., and Perry Ave., Chicago 27, Ill.—6CC1, 6CC2.
American Steel & Wire Div., U. S. Steel Corp., 614 Superior Ave. N.W., Cleveland 13, O.—6CC2.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Bostitch, Incorporated, East Greenwich, R. I.—6CC1, 6CC2.
Chicago Machinery Laboratory, Inc., 6200 W. 60th St., Chicago 38, Ill.—6CC1.
Chicago Steel & Wire Co., 10257 Torrence Ave., Chicago 17, Ill. —6CC2.
Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.—6CC1, 6CC2.
Farrington Business Machines Corp., Industrial Park, New Bedford, Mass.—6CC1.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Gitzendanner-Muller Company, 15 Vandewater St., New York 38, N. Y.—6CC1, 6CC2.
○Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—6CC1, 6CC2.
○Inland Wire Products Co., 3947 S. Lowe Ave., Chicago 9, Ill.—6CC2.
Markwell Manufacturing Co., Inc., 200 Hudson St., New York 13, N. Y.—6CC1, 6CC2. Hand operated.
Mendes, J. Curry, Corp., New Bedford Industrial Park, New Bedford, Mass.—6CC1.
New Jersey Wire Stitching Machine Co., 604 S. Second St., Camden 3, N. J.—6CC1.
Pabich, W. R., Mfg. Co., Inc., 2323 N. Knox Ave., Chicago 39, Ill.—6CC1, 6CC2.
Porter, H. K., Co., Riverside-Alloy Metal Div., Prentiss Wire Mills, 439 Dwight St., Holyoke, Mass.—6CC2.
Rosback, F. P., Co., 225 Fifth Ave., Benton Harbor, Mich.
Schriber Machinery Co., 4900 Webster St., Dayton 4, O.—6CC1.
○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y. —6CC1, 6CC2.
Standard Paper Box Machine Co., Inc., 476 Broome St., New York, N. Y.—6CC1.
Stolp-Gore Co., 123 S. Jefferson St., Chicago 6, Ill.

STRINGING, KNOTTING AND LOOPING MACHINES
See Knotting, Looping and Stringing Machines 6N.

STRIPPING MACHINES
See under Gluing and Pasting Equipment 6M.

SUPPLIES 6DD
6DD1 Index Tabs.
6DD2 Staples.
Aigner, G. J., Co., 426 S. Clinton St., Chicago 7, Ill.—6DD1.
Barnhard Printers Supply Co., 7—13 Governor St., Newark 2, N. J.
Best, Edward H., & Co., 210 Lincoln St., Boston 5, Mass.
Disston Division, H. K. Porter Co., Inc., Unruh and Milnor Sts., Philadelphia 35, Pa.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Griffin, Campbell, Hayes, Walsh, Inc., 50 E. 21st St., New York 10, N. Y.
Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.
Markwell Manufacturing Co., Inc., 200 Hudson St., New York 13, N. Y.—6DD2.
McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn.
Ryan, E. G., and Co., 153 W. Huron St., Chicago 10, Ill.
Southworth Machine Co., 30 Warren Ave., Portland 5, Me.
Superior-Tabbies, Inc., 900 N. Franklin St., Chicago 11, Ill.
Tauber Plastics, Inc., 200 Hudson St., New York 13, N. Y.

T

TAB CUTTING MACHINES
See Perforating, Punching and Round Cornering Machines 6S.

TABBING PRESSES
See under Presses 6T.

TAPE
See Binding Materials 6B.

TABLES 6EE
6EE1 Gathering.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—6EE1.
Equipto, 401 S. Highland, Aurora, Ill.
Evans Specialty Co., Inc., 2401 Venable St., Richmond 23, Va. —6EE1.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.—6EE1.
Gustafson Tool Co., 239 Centre St., New York 13, N. Y.
Hamilton Manufacturing Co., 1316 —18th St., Two Rivers, Wis.
Hickok, W. O., Mfg. Co., Ninth and Cumberland Sts., Harrisburg, Pa.
○Jampol Corporation, The, 728—61st St., Brooklyn 20, N. Y.
Lyon Metal Products, Inc., Aurora, Ill.
Metwood Manufacturing Co., Inc., Spruce St., Hanover, Pa.
Precise Engineering Co., E. Main St., P.O. Box 128, Huntley, Ill. —6EE1.
S & M Mfg. Co., 3155 Verdugo Rd., Los Angeles 65, Calif.
Southworth Machine Co., 30 Warren Ave., Portland 5, Me.
Thompson Cabinet Co., Laura St., Ludington, Mich.—6EE1.

THREAD AND TWINE
See Binding Materials 6B.

TIME CLOCKS, RECORDERS
See Miscellaneous 8J.

TIN MOUNTING MACHINES
See Metal Edging Machines 6MM.

TIPPING MACHINES 6GG
○Didde-Glaser Incorporated, 50 Highway and W. 12th Ave., Emporia, Kan.
Dollahite, K. J., Co., 106 W. 15th St., Ft. Worth 2, Tex.
Farrington Business Machines Corp., Industrial Park, New Bedford, Mass.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Mendes, J. Curry, Corp., New Bedford Industrial Park, New Bedford, Mass.
Pearce Development Co., 1606 E. 30th St., Cleveland 14, O.
Pierce Specialized Equipment Co., 350 Peninsular Ave., San Mateo, Calif.
Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.
Robertson Brothers, Inc., 117 Cedar Lane, Englewood, N. J.
Super Speed Printing Machinery, Inc., 742 Sherman St., Chicago 5, Ill.
Willsea Works, 371 St. Paul Ave., Rochester 5, N. Y.

TOOLS 6FF
Hammers, Bone Folders, Polishers, etc.
Barnhard Printers Supply Co., 7—13 Governor St., Newark 2, N. J.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Hickok, W. O., Mfg. Co., Ninth and Cumberland Sts., Harrisburg, Pa.

TRIMMERS, CONTINUOUS
See Continuous Trimmers 6F.

TRIMMERS, PUBLICATION 6YY
Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.
Chicago Machinery Laboratory, Inc., 6200 W. 60th St., Chicago 38, Ill.
○Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.
Lawson Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.
○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.

TRIM WASTE REMOVAL 6BBB
Balemaster Division, East Chicago Machine Tool Corp., 4801 Railroad Ave., East Chicago, Ind.
Ohio Blow Pipe Co., 1731 Doan Ave., Cleveland 12, O.

TRUCKS, BINDERY
See Paper Cutting and Processing 4D.

TYPE
See Composing Room 1EE.

V

VARNISHING MACHINES
See under Miscellaneous 8G.

W

WIPING CLOTHS
See Pressroom 5VV.

WIRE FOR STAPLING MACHINES
See under Stapling Machines 6BB.

WIRE FOR STITCHING MACHINES
See under Stitching Machines 6CC.

***Printing Production* Filing System**

7 — Mailing and Shipping Index

HOW TO USE THIS INDEX—This Mailing and Shipping Index is comprised of two parts. Immediately below is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically, and includes a cross-index of equipment and supplies. Products may be found by alphabetical reference either in the Key or in the Main Index. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

KEY FOR MAILING AND SHIPPING INDEX

7A Adhesives

7B Addressing and Mailing Machines
- 7B1 Addressing
- 7B2 Mailing
- 7B3 Strip Printing
- 7B4 Wrapper Printing and Wrapping

7L Bundling Devices

7O Conveyors

7V Counters and Stackers

7S Inserting and Mailing Machines

7T Labeling Machines
- 7T2 Automatic
- 7T1 Hand

7C Mailing Wrapper Pasting Device

7D Newspaper Inserting Machines

7U Newspaper Wrapper Applying Machines
- 7U2 Bottom
- 7U1 Top

7E Packaging and Tying Machines

7R Postal Meters

7F Scales
- 7F1 Platform
- 7F2 Postal

7M Sealing Machines
- 7M2 Heat Sealing
- 7M1 Seal Fastening

7P Stencil and Marking Supplies

7G Stitching Machines and Wire

7Q Supplies
- 7Q1 Galley Paper
- 7Q3 Mailing Bags
- 7Q2 Mailing Wrapper

7H Tables

7N Tags

7J Tape Moisteners and Tape
- 7J1 Moisteners
- 7J2 Tape

7K Wire and Strapping

MAILING AND SHIPPING EQUIPMENT AND SUPPLIES MAIN AND CROSS-INDEX

O Indicates advertiser. See Advertisers' Index, Pages B-C-D.

A

ADHESIVES 7A

O American Roller Co., 1342 N. Halsted St., Chicago 22, Ill.
O Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
Araboi Manufacturing Co., 110 E. 42nd St., New York 17, N. Y.
Cheshire, Incorporated, 1644 N. Honore St., Chicago 22, Ill.
Cooper, Peter, Corps., Palmer St., Gowanda, N. Y.
Goodrich, B. F., Industrial Products Div., 500 S. Main St., Akron 18, O.
Green's Paste Works, 200 Liverpool Rd., Liverpool, N. Y.
Hoyt, Arthur S., Co., Inc., 20 Jerusalem Ave., Hicksville, L.I., N. Y.
Manhattan Adhesives Corp., 425 Greenpoint Ave., Brooklyn 22, N. Y.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn. Adhesive two side mounting film.
Morningstar-Paisley, Inc., 630 W. 51st St., New York 19, N. Y.
National Adhesives Div., National Starch and Chemical Corp., 750 Third Ave., New York, N. Y.
Stein, Hall & Co., Inc., 285 Madison Ave., New York 17, N. Y.
Union Rubber & Asbestos Co., 232 Allen St., Trenton 6, N. J.

ADDRESSING AND MAILING MACHINES 7B
7B1 Addressing.
7B2 Mailing.
7B3 Strip Printing.
7B4 Wrapper Printing and Wrapping.

Addressograph-Multigraph Corporation, 1200 Babbitt Rd., Cleveland 17, O.—7B1, 7B2, 7B3, 7B4.
Anderson, C. F., & Co., 3225 Calumet Ave., Chicago 16, Ill.
Cheshire, Incorporated, 1644 N. Honore St., Chicago 22, Ill.—7B2.
Chicago Machinery Laboratory, Inc., 6200 W. 60th St., Chicago 38, Ill.—7B2.
Marsh Stencil Machine Co., 707 E. B St., Belleville, Ill.
Martin, L. C., & Associates, 302 Crestwood Village, Northfield, Ill.—7B1, 7B2, 7B4.
May Van Corporation, 1141 N. Washington Ave., Scranton 9, Pa.—7B2, 7B4. Wrapping only.
Pitney-Bowes, Inc., Walnut and Pacific Sts., Stamford, Conn.—7B1, 7B2.
Pollard-Alling Mfg. Co., 220 W. 19th St., New York 11, N. Y.—7B1.
O Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.—7B1, 7B2, 7B3, 7B4.
Wing's Chauncey, Sons, 78 Pierce St., Greenfield, Mass. — 7B2, 7B3.

AUTOMATIC NEWSPAPER STUFFING MACHINES
See Newspaper Inserting Machines 7D.

B

BALERS FOR WASTE PAPER
See Waste Paper Balers 8L.

BANDING AND BUNDLING PRESSES
See Bindery 6T.

BOX SEALERS
See Stitching Machines and Wire 7G.

BUNDLING DEVICES 7L

General Strapping Corp., 100 Park Ave., New York 17, N. Y.
Hudson Sharp Machine Co., Sub. Food Machinery and Chemical Corp., 1201 Main St., Green Bay, Wis.
O Inland Wire Products Co., 3947 S. Lowe Ave., Chicago 9, Ill.
Tie Company, 14 Depot St., Unadilla, N. Y.
Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J.

BUNDLING PRESSES
Bindery 6T.

C

CARTON SEALERS
See Stitching Machines and Wire 7G.

CONVEYORS 7O

Beacon Machinery, Inc., 31st and Tudor Sts., P.O. Box 188, East St. Louis 17, Ill.
O Jampol Corporation, The, 728—61st St., Brooklyn 20, N. Y.
Lamson Corporation, 250 Lamson St., Syracuse 1, N. Y.
Link-Belt Co., Prudential Plaza, Chicago 1, Ill.
Metzgar Conveyor Co., 412 Douglas St. N.W., Grand Rapids 4, Mich.
O Radio Corp. of America, Industrial Electronic Products Div., Front and Cooper, Camden, N. J.
Webb Machine Works, 1314 Hoadley St., Shreveport, La.
Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J.

COUNTERS AND STACKERS 7V

O Cutler-Hammer, Inc., 315 W. 12th St., Milwaukee 1, Wis.
O Goss Company, The, Div. Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

G

GALLEYS
See Composing Room 1M.

GLUE
See Adhesives 7A.

GLUE HEATERS AND POTS
See Bindery 6M.

I

INKS
See Pressroom 5W.

INSERTING MACHINES
See Newspaper Stuffing Machines 7D.

INSERTING AND MAILING MACHINES 7S

Bell & Howell Phillipsburg Co., P.O. Box 186, Phillipsburg, N. J.
Cummington Corporation, 718 Beacon St., Boston 15, Mass.
Friden, Inc., 2350 Washington Ave., San Leandro, Calif.
Inserting and Mailing Machine Co., P. O. Box 186, Phillipsburg, N. J.
McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn.
Parnat Business Machines Corp., 1816 Boston Rd., New York 60, N. Y.
Pitney-Bowes, Inc., Walnut and Pacific Sts., Stamford, Conn.
O Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.

J

JOGGING MACHINES
See Pressroom 5Z.

L

LABELING MACHINES 7T
7T1 Hand.
7T2 Automatic.

Better Packages, Inc., Plant No. 2, 255 Canal St., Shelton, Conn.
Cheshire, Incorporated, 1644 N. Honore St., Chicago 22, Ill.—7T1, 7T2.
Chicago Machinery Laboratory, Inc., 6200 W. 60th St., Chicago 38, Ill.—7T2.
Dick Machine Co., The, 137 W. Tupper St., Buffalo 1, N. Y.—7T1.
Moore, Kenneth J., & Co., 1778 W. Estes Ave., Chicago 26, Ill.
Pitney-Bowes, Inc., Walnut and Pacific Sts., Stamford, Conn.—7T1, 7T2.
O Potdevin Machine Co., 297 North St., Teterboro, N. J.—7T1, 7T2.

○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.
Wing's, Chauncey, Sons, 78 Pierce St., Greenfield, Mass.—7T1.

M

MAILING MACHINES
See under Addressing and Mailing Machines 7B.

MAILING TABLES
See Tables 7H.

MAILING WRAPPER PASTING DEVICES 7C
Martin, L. C., & Associates, 302 Crestwood Village, Northfield, Ill.
○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.

MOISTENERS FOR TAPE
See Tape Moisteners 7J.

N

NEWSPAPER INSERTING MACHINES 7D
Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.
○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.
Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J.

NEWSPAPER WRAPPER APPLYING MACHINE 7U
7U1 Top.
7U2 Bottom.
General Strapping Corp., 100 Park Ave., New York 17, N. Y.—7U1, 7U2.
Chicago 4, Ill.—7U2.
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—7U2.
U. S. Steel Supply Div., U. S. Steel Corp., 208 S. La Salle St., Chicago 4, Ill.
Wiretyer Corporation, 65 Leliarts Lane, East Patterson, N. J.—7U1, 7U2.

P

PACKAGING AND TYING MACHINES 7E
○American Steel Chase Co., 31-31 48th Ave., Long Island City 1, N. Y.
Anderson, C. F., & Co., 3225 Calumet Ave., Chicago 16, Ill.
Bunn, B. H., Co., 7605 Vincennes Ave., Chicago 20, Ill.
Chandler Sales & Service Co., 245 Seventh Ave., New York 1, N. Y.
General Strapping Corp., 100 Park Ave., New York 17, N. Y.
○Inland Wire Products Co., 3947 S. Lowe Ave., Chicago 9, Ill.
Martin, L. C., & Associates, 302 Crestwood Village, Northfield, Ill.
National Bundle Tyer Co., 320 Adrian St., Blissfield, Mich.
Signode Steel Strapping Co., 2600 N. Western Ave., Chicago 47, Ill.
Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St. Paul 14, Minn.
U. S. Steel Supply Div., U. S. Steel Corp., 208 La Salle St., Chicago 4, Ill.
Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J.

PAPER BALERS
See Waste Paper Balers 8L.

PASTE
See Adhesives 7A.

PASTE POTS
See Bindery 6M.

PASTING DEVICE FOR MAILING WRAPPERS
See Mailing Wrapper Pasting Device 7C.

POSTAL METERS 7R
Pitney-Bowes, Inc., Walnut and Pacific Sts., Stamford, Conn.

POTS FOR PASTE
See Bindery 6M.

PRESSES, BANDING AND BUNDLING
See Bindery 6T.

PROOF PRESSES
See Composing Room 1V.

R

ROLLERS FOR PROOF PRESSES
See Pressroom 5NN.

S

SAFETY CANS
See Composing Room 1Y.

SCALES 7F
7F1 Platform.
7F2 Postal.
Cummington Corporation, 718 Beacon St., Boston 15, Mass.—7F2.
Friden, Inc., 2350 Washington Ave., San Leandro, Calif.—7F2.
Manning, Maxwell & Moore, Inc., Shaw-Box Crane & Hoist Div., W. Broadway, Muskegon, Mich.—7F1.
National Baling Press and Equipment Co., 1071 E. 48th St., Brooklyn 34, N. Y.—7F1.
Pelouze Manufacturing Co., 1218 Chicago Ave., Evanston, Ill.—7F2.
Pitney-Bowes, Inc., Walnut and Pacific Sts., Stamford, Conn.—7F1, 7F2.

SEALING MACHINES 7M
7M1 Seal Fastening.
7M2 Heat Sealing.
Better Packages, Inc., Plant No. 2, 255 Canal St., Shelton, Conn.—7M1.
Marsh Stencil Machine Co., 707 East B St., Belleville, Ill. Electric Dial Taper.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.—7M1.
Nashua Package Sealing Div., Nashua Corporation, 44 Franklin St., Nashua, N. H.
Pitney-Bowes, Inc., Walnut and Pacific Sts., Stamford, Conn.

STENCIL AND MARKING SUPPLIES 7P
Markwell Manufacturing Co., Inc., 200 Hudson St., New York 13, N. Y.
Marsh Stencil Machine Co., 707 East B St., Belleville, Ill.
Tintograph Company, 68 Jay St., Brooklyn 1, N. Y.

STITCHING MACHINES AND WIRE 7G
Acme Steel Co., 135th St. and Perry Ave., Chicago 27, Ill.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Bostitch, Incorporated, East Greenwich, R. I.
Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Industrial Fastener Div., Heller Roberts Mfg. Corp., 6115 Carnegie Ave., Cleveland 3, O.
Markwell Manufacturing Co., Inc., 200 Hudson St., New York 13, N. Y.
New Jersey Wire Stitching Machine Co., 604 S. Second St., Camden, N. J.
Pabich, W. R., Mfg. Co., Inc., 2323 N. Knox Ave., Chicago 39, Ill.
Rosback, F. P., Co., 225 Fifth Ave., Benton Harbor, Mich.

STRIP PASTING MACHINES
See under Addressing and Mailing Machines 7B.

SUPPLIES 7Q
7Q1 Galley Paper.
7Q2 Mailing Wrapper.
7Q3 Mailing Bags
Bemis Bro. Bag Co., 408 Pine St., P.O. Box 133, St. Louis 2, Mo.—7Q3.
○Paper Manufacturers Co., 9800 Bustleton Ave., Philadelphia 15, Pa.—7Q1, 7Q2.

T

TABLES 7H
Equipto, 401 S. Highland, Aurora, Ill.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Gustafson Tool Co., 239 Centre St., New York 13, N. Y.
Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.
○Jampol Corporation, 728—61st St., Brooklyn 20, N. Y.
Lyon Metal Products, Inc., Aurora, Ill.
Metwood Manufacturing Co., Inc., Spruce St., Hanover, Pa.
S & M Mfg. Co., 3155 Verdugo Rd., Los Angeles 65, Calif.
Thompson Cabinet Co., Laura St., Ludington, Mich.
Wiretyer Corporation, 65 Leliarts Lane, East Patterson, N. J.

TAGS 7N
Dennison Manufacturing Co., 300 Howard St., Framingham, Mass.

TAPE MOISTENERS AND TAPE 7J
7J1 Moisteners.
7J2 Tape.
American Tape Co., 4058 Beaufait Ave., Detroit 7, Mich.—7J2.
Better Packages, Inc., Plant No. 2, 255 Canal St., Shelton, Conn.—7J1, 7J2.
Gerrard, A. J., & Co., 400 E. Touhy Ave., Des Plaines, Ill.—7J2.
Gummed Tape & Devices Co., 68 York St., Jersey City 2, N. J.—7J1, 7J2.
Marsh Stencil Machine Co., 707 East B St., Belleville, Ill.—7J1.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.—7J2.
Nashua Package Sealing Div., Nashua Corporation, 44 Franklin St., Nashua, N. H.—7J1, 7J2.

TIME CLOCKS, RECORDERS
See Miscellaneous 8J.

TRUCKS
See Paper Cutting and Processing 4D.

TYING AND PACKAGING MACHINES
See Packaging and Tying Machines 7E.

W

WASTE CANS, SAFETY
See Composing Room 1Y.

WASTE PAPER BALERS
See Miscellaneous 8L.

WIPING CLOTHS
See Pressroom 5VV.

WIRE AND STRAPPING 7K
Chicago Steel & Wire Co., 10257 Torrence Ave., Chicago 17, Ill.
Gerrard, A. J., & Co., 400 E. Touhy Ave., Des Plaines, Ill.
○Inland Wire Products Co., 3947 S. Lowe Ave., Chicago 9, Ill.
Porter, H. K., Co., Riverside-Alloy Metal Div., Prentiss Wire Mills, 439 Dwight St., Holyoke, Mass.
Signode Steel Strapping Co., 2600 N. Western Ave., Chicago 47, Ill.
U. S. Steel Supply Div., U. S. Steel Corp., 208 S. La Salle St., Chicago 4, Ill.
Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J.

WIRE FOR BALING
See Waste Paper Balers 8L.

WIRE FOR STITCHING MACHINES
See Stitching Machines and Wire 7G.

WRAPPER PASTING DEVICES
See Mailing Wrapper Pasting Devices 7C.

WRAPPER PRINTING MACHINES
See under Addressing and Mailing Machines 7B.

WRAPPING MACHINES
See under Addressing and Mailing Machines 7B.

***Printing Production* Filing System**

8 — Miscellaneous Index

HOW TO USE THIS INDEX—This Miscellaneous Index is comprised of two parts. Immediately below is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically. Products may be found by alphabetical reference either in the Key or in the Main Index. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

KEY FOR MISCELLANEOUS INDEX

8A Air Conditioning
8B Architects and Engineers
8N Auctioneers
8C Bag Making
8M Books
8D Box and Carton Equipment and Supplies
8U Business Forms Equipment
- 8U4 Business Forms Collators
- 8U5 Carbon Interleaver
- 8U10 Carbon Paper
- 8U7 Carbon Processor
- 8U6 Continuous Form Stapler
- 8U3 Equipment and Supplies
- 8U8 Hot Spot Carbon Machine
- 8U9 Hot Spot Carbonizing for the Trade
- 8U1 Presses
  - 8U1.1 Hot Spot
  - 8U1.2 Sales Book
- 8U2 Slitters and Rewinders

8T Conveyor Systems
- 8T3 General
- 8T1 Magazine and Newspaper
- 8T2 Mailing Room

8R Diemaking Equipment
- 8R1 Embossing Dies
- 8R6 Jackets
- 8R2 Rule Benders
- 8R5 Steel Rule
- 8R3 Steel Rule Dies
- 8R4 Wood Block

Die Cutting Machines See Bindery 6LL

Die Cutting Presses See Pressroom 5M

8Q Employment Service
8V Fire Prevention
8S Flooring
8E Macerating Machines
8F Machinery Dealers
8W Machinery Movers and Installers
8G Paraffining, Varnishing, Waxing
8P Production Methods
8H Screen Process
- 8H7 Cabinets (Stencil)
- 8H8 Camera
- 8H6 Drying Units
- 8H1 Film
- 8H2 Ink
- 8H3 Presses, Printing
- 8H4 Stencil Sheets
- 8H5 Supplies

8J Time Clocks, Recorders
8K Vibration Eliminating
8L Waste Paper Balers

MISCELLANEOUS EQUIPMENT AND SUPPLIES INDEX

○ Indicates advertiser. See Advertisers' Index, Pages B-C-D.

8A AIR CONDITIONING EQUIPMENT AND SUPPLIES

Abbeon Supply Co., 179-15 Jamaica Ave., Jamaica 32, N. Y.

American-Standard, Industrial Division, 8111 Tireman Ave., Dearborn, Mich.

Armstrong Machine Works, 847 Maple St., Three Rivers, Mich.

Atkins Technical, Inc., 1276 W. Third St., Cleveland 13, O.

Bahnson Company, The, 1001 S. Marshall St., Winston-Salem, N. C.

Bristol Company, The, P.O. Box 1790, Waterbury 20, Conn.

Carrier Corporation, Carrier Pkwy., Syracuse, N. Y.

○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.

Logan Engineering Co. 4901 W. Lawrence Ave., Chicago 30, Ill.

M-D Blowers, Inc., Sub. Miehle-Goss-Dexter, Inc., 100 Fourth St., Racine, Wis.

Murray, D. J., Mfg. Co., 1002 Third St., Wausau, Wis.

○Offen, B., & Co., 29 E. Madison St., Chicago 2, Ill.

Parks-Cramer Company, Newport St., Fitchburg, Mass.

Research Products Corp., 1015 E. Washington Ave., Madison 10, Wis.

Southworth Machine Co., 30 Warren Ave., Portland 5, Me.

Surface Combustion Div. of Midland-Ross Corp., 2375 Dorr St., Toledo 1, O.

Taylor Instrument Companies, 95 Ames St., Rochester 1, N. Y.

Utility Heater Co., 239 Centre St., New York 13, N. Y.

Walton Laboratories, Inc., 1186 Grove St., Irvington 11, N. J. Humidifiers and dehumidifiers, humidity controls.

Welbuilt Air Conditioning and Heating Corp., Rt. 524, Lakewood Rd., Farmingdale, N. J.

Weston Instruments, Sub. of Daystrom, Inc., 614 Frelinghuysen Ave., Newark 12, N. J.

Wing, L. J., Mfg. Co., N. Stiles St., Linden, N. J.

York Corporation, Sub. of Borg Warner, Grantley Rd., York, Pa.

8B ARCHITECTS, ENGINEERS AND DESIGNERS

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N.J.

Austin Company, 16112 Euclid Ave., Cleveland 12, O.

Crawford, E. A., Co., P O. Box 2216, Edgewood Sta., Providence 5, R. I. Consulting, research and machine designing services.

Davis, W. F., Consultants, P.O. Box 179, Hightstown, N. J. Custom designer to printers requirements.

de Florez Company, Inc., The, Sub. of Miehle-Goss-Dexter, Inc., 200 Sylvan Ave., Englewood Cliffs, N. J. Development and design engineers.

Dickerson, Robert W., Architect, 508 Park Bldg., Cleveland 15, O. Newspaper and printing plant engineering.

Foster, F. B., 57 Riverside Ave., Riverside, Conn. Consultant for all phases of tape operation of linecasting machines.

Freedman, Olin E., 201 E. Walton Pl., Chicago 11, Ill.—Consultant to management in the Graphic Arts and allied industries.

Graphic Arts Industry, Inc., 1104 Currie Ave., Minneapolis 3, Minn. Management consultants and printing plant engineering.

Greer, Robert Royden, 5201 Wilshire Blvd., Los Angeles 36, Calif. Printing engineer and appraisals.

Hantscho, George, Co., Inc., 602 S. Third Ave., Mount Vernon, N. Y. Offset and letterpress web printing presses designed and built to specifications.

Hartnett, R. W., Co., 1025 Cherry St., Philadelphia 7, Pa. Special machinery designed and built for any purpose in the Graphic Arts industry.

Hoch, Fred W., Associates, Inc., 461 Eighth Ave., New York 1, N. Y. Printing management and production services.

Huck Company, 72 W. 45th St., New York 36, N. Y. Special machinery designers.

Humphrey Design & Mfg. Inc., 16343 Euclid Ave., East Cleveland 12, O. Designs and develops special machinery for packaging and converting purposes.

○Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.; 50 Church St., New York 7, N. Y. Complete photoengraving engineering service.

Klingler, Karl A., 124 S. Washington, Naperville, Ill. Consulting engineer for design and development of various printing equipment.

Lorenz Printing Machine Co., Inc., 36-26—31st St., Long Island City 6, N. Y. Newspaper press engineers and machinists.

○Main, Chas. T., Inc., 80 Federal St., Boston 10, Mass. Architects, engineers and designers for newspaper, printing and publishing plants.

Miller Lauffer Printing Equipment Corp., 280 Lafayette St., New York 12, N. Y. Specialty engineering service.

○Model Planning Co., Inc., 164 Greenway West, New Hyde Park, N. Y. Tri-dimensional models of equipment used in plant planning; advisory service.

○Monomelt Company, Inc., The, 1611 Polk St., N. E., Minneapolis 13, Minn. Designers of special machinery.

Moore, Jack, 560 Eastland Rd., Berea, O. Dispatch system designing and engineering.

Moore, Kenneth J., & Co., 1778 W. Estes Ave., Chicago 26, Ill.

Pearce Development Co., 1606 E. 30th St., Cleveland 14, O. Designers and builders of special machinery for paper converting and the Graphic Arts.

Powers, Mark E., 7041 N. Monon St., Chicago, Ill. Industrial engineers, plant layout and production analyses.

Precise Engineering Co., E. Main St., P.O. Box 128, Huntley, Ill.

Richardson-Sovde Co., Inc., 700 S. Fourth St., Minneapolis 15, Minn. Newspaper and commercial plant layouts.

Rockefeller, J. W., Jr., and Associates, 640 Morris Turnpike, Short Hills, N. J. Consulting printing engineers.

Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J. Special machinery developed and built.

Simpson, J. M., 120 Liberty St., New York 6, N. Y. Equipment designer.

Swift Engineering Co., 7001 N. Clark St., Chicago 26, Ill. Architectural and engineering service for printing plants.

Technical Service Co., 2118 S. Bellaire, Denver 22, Colo. Consulting engineers specializing in newspaper plants.

Visual Plant Layouts, Inc., Pennsylvania Ave. at River, Oakmont, Allegheny County, Pa. Two and three dimensional plant layout methods.

○Worthington, Emory W., and Associates, 957 E. Glen Ave., Ridgewood, N. J. Engineering and consulting service to equipment manufacturers and to publishing and printing plants, specializing in rollfed presses.

Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill. Engineering and designing of special Graphic Arts machinery.

8N AUCTIONEERS

Greer, Robert Royden, 5201 Wilshire Blvd., Los Angeles 36, Calif.

Schwartz Bros., Auctioneers, 277 Broadway, New York 7, N. Y.

White, Sid, 132 Nassau St., New York 38, N. Y.

8C BAG MAKING EQUIPMENT AND SUPPLIES

Altair Machinery Corp., 55 Vandam St., New York 13, N. Y.

American Evatype Corp., 749 Osterman Ave., Deerfield, Ill.

Champlain Company, Inc., Harrison Ave., Roseland, N. J.

Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.

Econo Products, Inc., 132 Humboldt St., Rochester 10, N. Y.

Faustel, Inc., 5109 N. 125th St., Butler, Wis.

Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.

Heinrich Equipment Corp., 111 Eighth Ave., New York 11, N. Y.

Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.

Lake Erie Machinery Corp., P.O. Box 68, Kenmore Sta., Buffalo 17, N. Y.

Manhasset Machine Co., Inc., 409 Bayview Ave., Amityville, N. Y.

Model Printing Equipment Corp., 511 Madison St., Hoboken, N. J.

Para-Flex Plate Corp., 21 E. 17th St., New York 3, N. Y.

○Potdevin Machine Co., 297 North St., Teterboro, N. J.

Schweizer, Chas. K., Co, 231 Russell Ave., St. Louis 4, Mo.

Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St. Paul 14, Minn.

Waldron-Hartig Div., Midland-Ross Corp., P.O. Box 791, New Brunswick, N. J.

Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill.

8M BOOKS

Hoch, Fred W., Associates, Inc., 461 Eighth Ave., New York 1, N. Y.

Lithographic Technical Foundation, 131 E. 39th St., New York 16, N. Y.

Porte Publishing Co., 952 E. 21st St., S., Salt Lake City 6, Ut.

○Printing Production Magazine, 1276 W. Third St., Cleveland 13, O.

8D BOX AND CARTON EQUIPMENT AND SUPPLIES

American Evatype Co., 749 Osterman Ave., Deerfield, Ill.

○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

Bar-Plate Mfg. Co., Inc., Boston Post Rd., Orange, Conn.

Beck, Charles, Machine Corp., 42 Church Rd., King of Prussia, Pa.

Bostitch, Incorporated, East Greenwich, R. I.

Brandtjen & Kluge, Inc., 653 Gaultier, St. Paul 3, Minn.

Champlain Company, Inc., Harrison Ave., Roseland, N. J.

Chandler & Price Co., The, 6000 Carnegie Ave., Cleveland 3, O.

Chicago Box Machine Works, Inc., 1810 W. Grand Ave., Chicago 22, Ill.

Chicago Steel & Wire Co., 10257 Torrence Ave., Chicago 17, Ill.

Cooper, Peter, Corps., Palmer St., Gowanda, N. Y.

Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.

Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

Econo Products, Inc., 132 Humboldt St., Rochester 10, N. Y.

Faustel, Inc., 5109 N. 125th St., Butler, Wis.

Gerrard, A. J., & Co., 400 E. Touhy Ave., Des Plaines, Ill.

Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.

○Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.

Hartnett, R. W., Co., 1025 Cherry St., Philadelphia 7, Pa. — Designers of special machines.

○Heidelberg Automatic Presses, (See Manufacturers' Index).

Hobbs Manufacturing Co., 26 Salisbury St., Worcester 5, Mass.

Lake Erie Machinery Corp., P.O. Box 68, Kenmore Sta., Buffalo 17, N. Y.

Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.

Miehle Company, The Div., Miehle-Goss-Dexter, Inc., 2011 W. Hastings St., Chicago 8, Ill.

○Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

National Adhesives Div., National Starch and Chemical Corp., 750 Third Ave., New York, N. Y.

Packer Manufacturing Co., 1222 Velp Ave., Green Bay, Wis.

Paper Converting Machine Co., 2300 S. Ashland Ave., Green Bay, Wis.

Para-Flex Plate Corp., 21 E. 17th St., New York 3, N. Y.

Porter, H. K., Co., Riverside-Alloy Metal Div., Prentiss Wire Mills, 439 Dwight St., Holyoke, Mass.

○Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.

○Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.

Schweizer, Chas. K., Co., 231 Russell Ave., St. Louis 4, Mo.

○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.

Standard Paper Box Machine Co., Inc., 476 Broome St., New York 13, N. Y.

Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St., Paul 14, Minn.

Thomson-National Press Co., Dean Ave., Franklin, Mass.

U. S. Steel Supply Div., U. S. Steel Corp., 208 S. La Salle St., Chicago 4, Ill.

Waldron-Hartig Div., Midland-Ross Corp., P.O. Box 791, New Brunswick, N. J.

Wolverine Paper Converting Machinery Corp., 18584 Fitzpatrick Ave., Detroit 28, Mich.

Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill.

8U BUSINESS FORMS EQUIPMENT

8U4 Business Forms Collators.
8U5 Carbon Interleaver.
8U10 Carbon Paper.
8U7 Carbon Processor.
8U6 Continuous Form Stapler.
8U3 Equipment and Supplies.
8U8 Hot Spot Carbon Machine.
8U9 Hot Spot Carbonizing for the Trade.
8U1 Presses
8U1.1 Hot Spot.
8U1.2 Sales Book.
8U2 Slitters and Rewinders.

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Brackett Stripping Machine Co., 505 Jackson St., Topeka, Kan., —8U1.1, 8U3.

Business Forms Equipment Co., 4036 N.E. Portland Bldg., Portland 11, Ore.—8U1.

○Didde-Glaser, Incorporated, 50 Highway and W. 12th Ave., Emporia, Kan.—8U1.1, 8U2.

Dietz Machine Works Inc., 20 W. Berkley St., Philadelphia 44, Pa.—8U2.

Doven Division, Appleton Machine Co., 618 S. Oneida St., P.O. Box 468, Appleton, Wis.—8U1.1, 8U2.

Egan, Frank W., & Co., S. Adamsville, Rd., Somerville, N. J.

Farrington Business Machines Corp., Industrial Park, New Bedford, Mass.—8U4, 8U10.

Mendes, J. Curry, Corp., New Bedford Industrial Park, New Bedford, Mass.—8U4, 8U10.

○National Cash Register Co., Dayton 9, O. No Carbon Required paper.

Paper Converting Machine Co., 2300 S. Ashland Ave., Green Bay, Wis.—8U1, 8U2, 8U4.

Pearce Development Co., 1606 E. 30th St., Cleveland 14, O.—8U1.

Pierce Specialized Equipment Co., 350 Peninsular Ave., San Mateo, Calif. Snap-out glue tipping machine.

Schriber Machinery Co., 4900 Webster St., Dayton 4, O.—8U4, 8U5, 8U6, 8U7, 8U8.

Stanford Engineering Co., Salem, Ill.—8U2.

Transkrit Corporation, 704 Broadway, New York 3, N. Y.—8U9.

8T CONVEYOR SYSTEMS

8T1 Magazine and Newspaper.
8T2 Mailing Room.
8T3 General.

○Cutler-Hammer, Incorporated, 315 N. 12th St., Milwaukee 1, Wis. —8T1.

General Rubber Corp., Summit and Atwood Sts., Tenafly, N. J.

Gifford-Wood Company, One Hudson Ave., Hudson, N. Y.—8T3.

○Jampol Corporation, 728—61st St., Brooklyn 20, N. Y.—8T1, 8T2, 8T3.

Link-Belt Co., Prudential Plaza, Chicago 1, Ill.

Metzgar Conveyor Co., 412 Douglas St. N.W., Grand Rapids 4, Mich.—8T3.

Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J.

8R DIEMAKING EQUIPMENT AND DIES

8R1 Embossing Dies.
8R6 Jackets.
8R2 Rule Benders.
8R7 Score Cutting Machines.
8R5 Steel Rule.
8R3 Steel Rule Dies.
8R4 Wood Block.

Accurate Steel Rule Die Mfrs., 22 W. 21st St., New York 10, N. Y.—8R1, 8R3, 8R5, 8R6.

Bar-Plate Mfg. Co., Inc., Boston Post Rd., Orange, Conn.—8R6, 8R7.

Becker Bros. Engraving Co., 103 Lafayette St., New York 13, N. Y.—8R1.

Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass.—8R2.

Irwin Manufacturing Co., Inc., Main St., Garland, Pa.—8R4.

May Machine Co., Inc., 196 Chrystie St., New York 2, N. Y.—8R1, 8R3.

○Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.—8R2.

Simonds Saw & Steel Co., 470 Main St., Fitchburg, Mass.—8R5.

Wells Manufacturing Co., 1701 S. Main St., South Bend 23, Ind.—8R4.

8Q EMPLOYMENT SERVICE

Graphic Arts Employment Service, Inc., 307 E. Fourth St., Cincinnati 2, O.

8V FIRE PREVENTION

Kidde Ultrasonic & Detection Alarms, Inc., Sub. of Walter Kidde & Co., Inc., 657 Brighton Rd., Clifton N. J.

Kidde, Walter, & Co., Inc., 657 Main St., Belleville 9, N. J.

Pyrene-C-O-Two Div., Fyr-Fyter Co., U. S. Highway 1, Newark 1, N. J.

Randolph Laboratories, Inc., 1450 Frontage Rd., Northbrook, Ill.

United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.

8S FLOORING

○Alan Wood Steel Co., Conshohocken, Pa.

Aluminum Co. of America, 1501 Alcoa Bldg., Pittsburgh 19, Pa.

○Jampol Corporation, 728—61st St., Brooklyn 20, N. Y.

Tufcrete Company, Inc., 502 E. Locust St., Des Moines 9, Ia.

8E MACERATING MACHINES

Shredmaster Corporation, The, 384 Woodcleft Ave., Freeport, N. Y.

Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill.

8F MACHINERY DEALERS

Abrams, The M. L., Co., 1841 Prospect Ave., Cleveland 15 O.

Allied Printing & Binding Machinery Co., 3767 Chester Ave., Cleveland 14, O.

Altair Machinery Corp., 55 Vandam St., New York 13, N. Y.

American Graphic Arts Machinery Co., Inc., 132 Nassau St., New York 38, N. Y.

○American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

American Wood Products & Tool Supply, 705 Montclaire Ave., Edwardsville, Ill.

American Wood Type Mfg. Co., 42-25 Ninth St., Long Island City 1, N. Y.

Ampress, Incorporated, 910 E. 138th St., New York 54, N. Y.

Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.

Apex Printing Machinery Co., Inc., 210 Elizabeth St., New York 12, N. Y.

Arnold Numbering Machine Works, 434 S. Wabash, Chicago 5, Ill.
Atlas Numbering Machine Service, 270 Lafayette St., New York 12, N. Y.
Atlas Printing Equipment Co., 270 Lafayette St., New York 12, N. Y.
Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind.

Barager, M. E., Co., 6523—20th Ave., N. E., Seattle 15, Wash.
Barco Type Founders, 64 Wagner, Northlake, Ill.
Barnhard Printers Supply Co., 7-13 Governor St., Newark 2, N. J.
Bauer Presses, Inc., 235 E. 45th St., New York 17, N. Y.
Baum, Russell Ernest, Inc., 1540 Wood St., Philadelphia 2, Pa.
Berkley Machine Co., 819 E. 19th St., Kansas City 8, Mo.
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.
Buhler Brothers, Inc., 130 Coolidge Ave., Englewood, N. J.

California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
Caxton Printers Supply Co., 410 Caxton Bldg., 812 Huron Rd., Cleveland 18, O.
Central Trade Plant of Grand Rapids, 15 Lyon St. N.E., Grand Rapids 2, Mich.
Cerutti Presses of America, Inc., 121 Prospect St., Westfield, N. Y.
Chapman Knives & Saws, Inc., 4040 Clayton, St. Louis 10, Mo.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Chicago Box Machine Works, Inc., 1810 W. Grand Ave., Chicago 22, Ill.
Consolidated Intl. Equipment & Supply Co., 4501 S. Western Ave., Chicago 22, Ill.
Continental Printing Equipment Co., 1402 N. Western Ave., Chicago 22, Ill.
Craftsmen Machinery Co., 75 N. Dedham St., Boston 18, Mass.

Damon & Peets, Inc., 56 Beekman St., New York 38, N. Y.
Diamond Printing Machinery Co., 3067 E. 61st St., Cleveland 27, O.
Dixie Type & Supply Co., Inc., 930 N. Sixth Ave., Birmingham 1, Ala.
Dixon, Loyal S., Co., 11164 Saticoy St., Sun Valley, Calif.
Durbrow & Hearne, Inc., 12 Wooster St., New York 13, N. Y.

Eastern Graphic Arts Supply Co., Inc., 509 W. 56th St., New York 19, N. Y.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.
Eccles Saw & Tool Co., Inc., 3235 Enyart Ave., Cincinnati 9, Ohio.
Economy Printers Products Co., 609 S. La Salle St., Chicago 5, Ill.
Einnehmer & Taylor, Inc., 228 E. 45th St., New York 17, N. Y.
Ever Ready Machinists, Inc., 137 W. 19th St., New York 11, N. Y.

Falco Corporation, 29-05 — 120th St., Flushing 54, N. Y.
Foto-Graphic Products Co., 2701 14th Ave. S., Minneapolis, Minn.
Franklin Printers Supply Co., 608 Cherry St., Philadelphia 6, Pa.
Fuller, E. C., Co., 28 Reade St., New York 7, N. Y.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
General Strapping Corp., 100 Park Ave., New York 17, N. Y.
Graphic Arts Equipment & Supply Co., 430 Howard St., San Francisco 5, Calif.
Graphic Arts Equipment Co., 117 W. Harrison St., Chicago 5, Ill.
Graphic Machinery Exchange, Inc., 66 Prince St., Brooklyn 1, N. Y.
Graphic Supply Co., Inc., 22 Bond St., New York, N. Y.
Griffin, Campbell, Hayes, Walsh, Inc., 50 E. 21st St., New York 10, N. Y.
Griffiths, John, Co., Inc., 415 Lexington Ave., New York 17, N. Y.

Harnett, R. W., Co., 1025 Cherry St., Philadelphia 7, Pa. Mass.

○Heidelberg Automatic Presses, (See Manufacturers' Index).
Heinsohn, A. E., Printing Machinery & Supplies, 1443 Blake St., Denver 2, Colo.
○Hutzler, Federico K., 1133 Broadway, New York 10, N. Y.

○Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.; 50 Church St., New York 7, N. Y.
Inland Newspaper Machinery Co., 1720 Cherry St., Kansas City 8, Ka.
Intercontinental Marketing Corp., 45-17 Pearson, Long Island City, N. Y.

Jacobs, Louis R., 2546 S. Phillip St., Philadelphia 48, Pa.
Jones, James H., Co., 808 W. Washington Blvd., Chicago 7, Ill.
Judson Type, Inc., 151 W. 23rd St., New York 11, N. Y.

Keller, George R., Inc., 1228 Mt. Olivet Rd., N.E., Washington 2, D. C.
Kellett Company, 640 S. Miller St., Chicago 7, Ill.
Kelsey, W. A., Co., 45 Crown St., Meriden, Conn.
Korn, Henry P., Associated, Inc., 5 Beekman St., New York 38, N. Y.

Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.
Linotype Maintenance Co., 136 Church St., New York 7, N. Y.
Linotype Supply Co., Inc., 8 Beach St., New York 13, N. Y.
Lorenz Printing Machine Co., Inc., 36-26 — 31st St., Long Island City 6, N. Y.
Los Angeles Type Founders, Inc., 225 E. Pico Blvd., Los Angeles 15, Calif.

Marsh, Hamilton R., Co., 15th and Mt. Vernon Sts., Philadelphia 30, Pa.
Martin, L. C., & Associates, 302 Crestwood Village, Northfield, Ill.
Mason-Moore-Tracy, Inc., 28 E. Fourth St., New York 3, N. Y.
Midwest Printers Supply, 1209 Sycamore, Cincinnati 10, O.
○Midwest Publishers Supply Co., 4500 W. Cermak Rd., Chicago 23, Ill.
Milwaukee Printers Roller Co., 422 S. Fourth St., Milwaukee 4, Wis.
Missouri Central Type Foundry, 705 E. Murdock St., P.O. Box 2066, Wichita 1, Kan.
Moler, Don A., Distributors, 4435 Wisconsin Ave., N.W., Washington 16, D. C.
Moore, Jack, 560 Eastland Rd., Berea, O.
Murphy, George, Inc., 57 E. Ninth St., New York 3, N. Y.

Newspaper Publishers Supply Co., 1639 N. Lorel Ave., Chicago 39, Ill.
Nissenbaum, Irving, Inc., 114 W. 27th St., New York 1, N. Y.
Norman-Willets Graphic Supply Co., 316 W. Washington St., Chicago 6, Ill.
Northern Machine Works, 323 N. Fourth St., Philadelphia, Pa.

Ortleb Machinery Co., 3818 Laclede Ave., St. Louis 8, Mo.

Pabich, W. R., Mfg. Co., Inc., 2323 N. Knox Ave., Chicago 39, Ill.
Palmer, E. C., & Co., Div. Western Newspaper Union, 2201 Laws St., Dallas 2, Tex.
Parsons & Wittemore Graphic Corp., 250 Park Ave., New York 17, N. Y.
○Pate Company, The, 6124 N. Pulaski Rd., Chicago 46, Ill.
Pavyer Printing Machine Works, 600 S. Broadway, St. Louis 2, Mo.
Payne, Ernest, Corp., 82 Beekman St., New York 38, N. Y.
Peck, James I., (Registered), 47 High St., West Orange, N. J.
Preferred Pressroom Products, Inc., 119 Foster St., Peabody, Mass.

Prenco Engineering Co., 6435 N. Central Ave., Chicago 46, Ill.
Printcraft Representatives, 136 Church St., New York 7, N. Y.
Printers Supply Service, 946 W. North Ave., Chicago 22, Ill.
Printing Industries Equipment, Inc., 168 Putnam Ave., Greenwich, Conn.

Rathbun & Bird Co., Inc., The, 379 W. Broadway, New York 12, N. Y.
Reid, William, Co., 2271 Clybourn Ave., Chicago 14, Ill.
Rich & McLean, Inc., 345 Carnegie Ave., Kenilworth, N. J.
Richardson-Sovde Co., Inc., 700 S. Fourth St., Minneapolis 15, Minn.
Robertson Brothers, Inc., 117 Cedar Lane, Englewood, N. J.
Roth, David Z., & Co., 1235 Main Ave., Clifton, N. J.
Royal Zenith Corp., 180 Varick St., New York 14, N. Y.
Rudow, William B., P.O. Box 1949, Sarasota, Fla.
Ryan, E. G., and Co., 153 W. Huron St., Chicago 10, Ill.

○Shulman, Ben, Associates, Inc., 60 E. 42nd St., New York 17, N. Y.
Simpson, J. M., 120 Liberty St., New York 6, N. Y.
Somerset Company, The, 441 Clay St., San Francisco 11, Calif.
Stewart, Don, Co., 445 Clay St., San Francisco 11, Calif.
Stolp-Gore Co., 123 S. Jefferson St., Chicago 6, Ill.
Sullebarger, E. T., Co., Inc., 114 Liberty St., New York 6, N. Y.

Teaneck Chemical Co., 197 Washington Ave., Carlstadt, N. J.
Thomson-National Press Co., Dean Ave., Franklin, Mass.
Tirling Printing Machinery, Inc., 400 Delancy St., Newark 5, N. J.
Tompkins Printing Equipment Co., 712 S. Clark St., Chicago 5, Ill.
Turner Printing Machinery, Inc., 6510 Euclid Ave., Cleveland 3, O.
Twin City Lino Service, Inc., 2350 Highway 100 S., Minneapolis 26, Minn.
Type and Press of Illinois, Inc., 3312 N. Ravenswood Ave., Chicago 13, Ill.

Utility Heater Co., 239 Centre St., New York 12, N. Y.

Walker, E. H., Supply Co., Inc., 140 Que St., N.E., Washington 2, D. C.
Western Newspaper Union, Printing Machinery Dept. 310 E. 45th St., New York 17, N. Y.
Wild & Stevens, Inc., 45 Industrial Pl., Newton Upper Falls, Mass.
Winn & Goodman, 440 Sansome St., San Francisco 11, Calif.
Wise, Incorporated, 1420 Western Ave., Pittsburgh 33, Pa.
Wolfer Printers Supply, Inc., 1221 Maple Ave., Los Angeles 15, Calif.

○Zimmer Printers Supply Co., Inc., 72 Beekman St., New York 38, N. Y.

8W MACHINERY MOVERS AND INSTALLERS

Central Newspaper Installations, Inc., 292 Madison Ave., New York 14, N. Y.

Diamond Printing Machinery Co., 3067 E. 61st St., Cleveland 27, O.
Dixon, Loyal S., Co., 11164 Saticoy St., Sun Valley, Calif.

Hall, George R., Inc., 21208 Beachwood Dr., Cleveland 16, O.

Manhattan Industrial Contracting Co., Inc., 3-17—26th Ave., Astoria 2, N. Y.

8G PARAFFINING, VARNISHING, THERMOPLASTIC COATING AND WAXING

8G6 Carbonizing.
8G5 Laminating.
8G1 Paraffining.
8G4 Thermoplastic Coating.
8G2 Varnishing.
8G3 Waxing.

Allied Printing & Binding Machinery Co., 3767 Chester Ave., Cleveland 14, O.
Apex Machine Co., 14-13—118th St., College Point 56, N. Y.—8G2.

Bingham Brothers Co., 406 Pearl St., New York 38, N. Y.
Bingham's, Sam'l, Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.—8G1, 8G2, 8G3.

○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.

Dayton Industrial Products Co., Dayco Department, 2001 Janice Ave., Melrose Park, Ill.
Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.
Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.—8G3, 8G5.
Dow Chemical Co., Midland, Mich. —8G4.

Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.—8G1, 8G2, 8G3, 8G4.

Haida Engineering Co., 34-11 Vernon Blvd., Long Island City 6, N. Y.—8G1, 8G2, 8G3, 8G4, 8G5, 8G6.
Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.—8G1, 8G2, 8G3, 8G4.

○**Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.—8G4.**

Mercury Engineering Co., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.—8G5.

○Ortman-McCain Company, 1330 W. Washington Blvd., Chicago 7, Ill.—8G3.

○Potdevin Machine Co., 297 North St., Teterboro, N. J.—8G1, 8G2, 8G3, 8G4.
Precise Engineering Co., E. Main St., P.O. Box 128, Huntley, Ill.—8G4.

○Rapid Roller Co., 26th and Federal Sts., Chicago 16, Ill.
Rutherford Machinery, Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.—8G1, 8G2, 8G3, 8G4. Magnetic spot coater.

○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.—8G4, 8G5.
Stone, Thos. and Geo. M., Inc., 1413 Chestnut Ave., Hillside 5, N. J. Applicator rolls for aniline and rotogravure machines.

Waldron-Hartig Div., Midland-Ross Corp., P.O. Box 791, New Brunswick, N. J.—8G1, 8G2, 8G3, 8G4.
Wolverine Paper Converting Machinery Corp., 18584 Fitzpatrick Ave., Detroit 28, Mich.

8P PRODUCTION METHODS

Hoch, Fred W., Associates, Inc., 461 Eighth Ave., New York 1, N. Y.

○Jampol Corporation, 728—61st St., Brooklyn 20, N. Y.

Printing Industry of America, Inc., 5728 Connecticut Ave., N.W., Washington 15, D. C.

Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J.

8H SCREEN PROCESS

8H7 Cabinets (Stencil).
8H8 Cameras.
8H6 Drying Units.
8H1 Film.
8H2 Ink.
8H3 Presses, Printing.
8H4 Stencil Sheets.
8H5 Supplies.

Acheson Dispersed Pigments Co., 1421 Chestnut St., Philadelphia 2, Pa.—8H2.

American Automation, Inc., 175 W. Jackson Blvd., Chicago 4, Ill.—8H3.

Atlas Silk Screen Supply Co., 1733 Milwaukee Ave., Chicago 47, Ill.—8H2, 8H3, 8H4, 8H5, 8H6.

Atlas Stencil Files Corp., 16716 Westfield Ave., Cleveland 10, O.—8H7.

California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—8H1, 8H2, 8H3, 8H4, 8H5, 8H6, 8H8.

○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—8H1, 8H5, 8H8.

Commander Engineering and Mfg. Co., 4375 Duncan Ave., St. Louis 10, Mo.—5LL54, 8H3.

Craftint Manufacturing Co., The, 1615 Collamer Ave., Cleveland 10, O.—8H1, 8H2.

Daily, Bert L., Inc., 126 E. Third St., Dayton 2, O.—8H5.

Decalcomania and Metal Etching Co., 225 Flatbush Ave., Brooklyn 17, N. Y.—8H5.

Dependable Compressor & Machine Co., 157 W. 21st St., New York 11, N. Y.—8H3.

Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.—8H8.

Du Pont, E. I., de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.—8H1, 8H4, 8H5.

Forbes Ink, Inc., 2249 Elm St., N.W., Cleveland 13, O.—8H2.

General Research & Supply Co., 572 S. Division Ave., Grand Rapids 3, Mich.—8H2, 8H3, 8H4, 8H5, 8H6, 8H8.

Gerson, Louis M., Co., 73 Deering Rd., Mattapan 26, Mass.—8H5.

Goodkin, The M. P., Co., Sub. Goodkin Mfg. Corp., 112-120 Arlington St., Newark 2, N. J.—8H8.

Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.—8H5.

Horn Industrial Finishes, Div. Sun Chemical Corp., 750 Third Ave., New York, N. Y.—8H2.

○Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.—8H2.

Lacey-Luci Products Co., 31 Central Ave., Newark 2, N. J.—8H8.

Langford, W. A., Co., 10114 S. Crandon Ave., Chicago 17, Ill.—8H8.

○Lanston Monotype Co., G St., below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.—8H8.

Lawson Printing Machine Co., The, 53 Olive St., St. Louis 8, Mo.—8H3.

Lawter Chemicals, Inc., 3550 Touhy Ave., Chicago 45, Ill.—8H2.

Letterguide Company, 2709 O St., Lincoln, Nebr.

M & M Research Engineering Co., Inc., 13360 W. Silver Spring, Butler, Wis.—8H3, 8H6.

Markem Machine Co., 150 Congress St., Keene, N. H.—8H3.

McGraw Colorgraph Co., 175 W. Verdugo Ave., Burbank, Calif.—8H4.

Modi-Graphic, Incorporated, 215 E. Ninth St., Cincinnati 2, O.—8H8.

Naz-Dar Company, 461 Milwaukee Ave., Chicago 10, Ill.—8H1, 8H2, 8H4, 8H5, 8H6, 8H8.

Norman-Willets Graphic Supply Co., 316 W. Washington St., Chicago 6, Ill.—8H5.

Nu-Film Products Co., Inc., 56 W. 22nd St., New York 10, N. Y.—8H4.

Ohio Art Materials Co., 2174 E. Ninth St., Cleveland 15, O.—8H5.

Pace Manufacturing Co., The, 1618—75th St., Des Moines, Ia.—8H3.

Popper & Sons, Inc., 300 Fourth Ave., New York 10, N. Y.—8H3.

○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.—8H8.

S & M Mfg. Co., 3155 Verdugo Rd., Los Angeles 65, Calif.—8H7.

Sherwin-Williams Co., The, Graphic Arts Div., 101 Prospect Ave., N. W., Cleveland 1, O.—8H1, 8H5.

Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.—8H2.

Strong Electric Corp., The, 87 City Park Ave., Toledo 1, O.—8H6.

Switzer Brothers, Inc., 4732 St. Clair Ave., Cleveland 3, O.—8H2.

Ulano Graphic Arts Supplies, Inc., 610 Dean St., Brooklyn 38, N. Y.—8H1, 8H5.

Webendorfer Company, Saugatuck, Conn.—8H3.

8J TIME CLOCKS, RECORDERS

Bristol Company, The, P.O. Box 1790, Waterbury 20, Conn.

○Paper Manufacturers Co., 9800 Bustleton Ave., Philadelphia 15, Pa. Time clock recorder paper.

Partlow Corporation, 2 Campion Road, New Hartford, N. Y.

Simplex Time Recorder Co., 40 S. Lincoln St., Gardner, Mass.

Stromberg Div. of General Time Corp., 135 S. Main St., Thomaston, Conn.

Tork Time Controls, Inc., 52 McQuesten Pkwy., Mt. Vernon, N. Y.

U. S. Steel Supply Div., U. S. Steel Corp., 208 S. La Salle St., Chicago 4, Ill.

8K VIBRATION ELIMINATING EQUIPMENT

Felters Company, The, 210 South St., Boston 11, Mass.

Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O.

Korfund Company, Inc., Cantiague Rd., Westbury, L. I., N. Y.

Raybestos-Manhattan, Inc., Manhattan Rubber Div., 61 Willett St., Passaic, N. J.

United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.

Vibration Eliminator Co., 10-28—47th Ave., Long Island City 1, N. Y.

8L WASTE PAPER BALERS

Balemaster Div., East Chicago Machine Tool Corp., 4801 Railroad Ave., East Chicago, Ind.

Economy Baler Co., 1254 N. Main St., Ann Arbor, Mich.

Firewel Company, Inc., 3685 Broadway, Buffalo 25, N. Y.

Lake Engineering Co., 312 Gostlin St., Hammond, Ind.

Minnich Machine Works, 1607 Ridgely St., Baltimore 30, Md.

National Baling Press & Equipment Co., 1071 E. 48th St., Brooklyn 34, N. Y.

Signode Steel Strapping Co., 2600 N. Western Ave., Chicago 47, Ill.

***Printing Production* Filing System**

1961 Trade Name Index

FOR PRINTING EQUIPMENT AND SUPPLIES

(Companies listed are manufacturers, suppliers and dealers indiscriminately)
In compiling this index PRINTING PRODUCTION has exercised every precaution to see that all names and addresses published in this index are correct according to the information furnished. For that reason, we cannot be responsible for errors or omissions.

○ Indicates advertiser. See Advertisers' Index, Pages B-C-D.

A

ABC—Air conditioning and cleaning equipment. American-Standard, Industrial Division, 8111 Tireman Ave., Dearborn, Mich.

Absorbo — Vibration eliminator. Korfund Company, Inc., Cantiague Rd., Westbury, L. I., N. Y.

Accellogloss—Offset inks. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

Accurate—Steel rule dies and supplies, cutting jackets. Accurate Steel Rule Die Mfrs., 22 W. 21st St., New York 10, N. Y.

○**Ace**—Cord rubber belts for linecasting machines. Star Parts Inc., 2 S. Main St., South Hackensack, N. J.

○**Ace Graytone** — Synthetic rubber roller with disposable core for job and high speed presses. Ideal Roller & Mfg. Co., Inc., 2512 W. 24th St., Chicago 8, Ill.

Acme—Glue pots, gliding wheels and hot embossing plate heaters, metal melting pots. Acme Electric Heating Corp., 97-99 Reading St., Boston 19, Mass.

Acme—Stapling machines and staples. Acme Staple Co., 1643 Haddon Ave., Camden 3, N. J.

Acraplate—Molding presses for the production of molded rubber and plastic printing plates, and plastic electrotype molds. Lake Erie Machinery Corp., P.O. Box 68, Kenmore Sta., Buffalo 17, N. Y.

Adamant—Inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Add-A-Color—Rubber printing blocks. Process Color Plate Co., 1200 W. Monroe St., Chicago 7, Ill.

Add-A-Matic — Counter addition for Gelb lineup tables. Joseph Gelb Co., 52 Arlington St., Newark 2, N. J.

Addressograph—Addressing, name, and data writing machines. Addressograph-Multigraph Corporation, 1200 Babbitt Rd., Cleveland 17, O.

○**Adhere**—Daters. Wm. A. Force & Co., 216 Nichols Ave., Brooklyn 8, N. Y.

○**Ad Mat**—Stereotype dry mat for newspaper advertising. Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

Adrema — Automatic addressing and printing machine. Farrington Business Machines Corp., Industrial Park, New Bedford, Mass.

Adzit—Galley locks. F. P. Rosback Co., 225 Fifth St., Benton Harbor, Mich.

Aero-Shaft — Air operated core shaft. Paper Converting Machine Co., 2300 S. Ashland Ave., Green Bay, Wis.

AFCO—Ink & dampener roller solvents, chemicals and solutions. Alex. C. Fergusson Co., 44 E. Oregon Ave., Philadelphia 48, Pa.

AFCO 44—Dampener roller cleaner. Alex. C. Fergusson Co., 44 E. Oregon Ave., Philadelphia 48, Pa.

AFCO Ink-Zip—For cleaning rubber and synthetic rollers. Alex. C. Fergusson Co., 44 E. Oregon Ave., Philadelphia 48, Pa.

AICO—Loose leaf and indexing materials. G. J. Aigner Co., 426 S. Clinton St., Chicago 7, Ill.

Aico-Cell—Plastic tab indexes. G. J. Aigner Co., 426 S. Clinton St., Chicago 7, Ill.

○**Air Grip**—Vacuum chuck for holding plates during routing. The Monomelt Co., Inc., 1611 Polk St., N.E., Minneapolis 13, Minn.

Albany Grease—Tallow lubricating compound. Adam Cook's Sons, Inc., 5 N. Stiles St., Linden, N. J.

Albulac — Surface plate lacquer. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

Alchrome — Bindery paper stock trucks. M. L. Abrams Co., 1841 Prospect Ave., Cleveland 15, O.

Alco-grip—Celluloid insertable tabbing. G. J. Aigner Co., 426 S. Clinton St., Chicago 7, Ill.

Alcoa — Aluminum tread plates and laminated foil for printing. Aluminum Co. of America, 1501 Alcoa Bldg., Pittsburgh 19, Pa.

Alcoloid—Celluloid tab indexes. G. J. Aigner Co., 426 S. Clinton St., Chicago 7, Ill.

○**Aled**—Plastic plate wash, a cleaner for plastic and rubber plates. Anchor Chemical Co., 829 Bergen St., Brooklyn 16, N. Y.

Alemite—Oils and greases; manual and power lubricating equipment. Alemite Div., Stewart-Warner Corp., 1826 Diversey Pkwy., Chicago 14, Ill.

Alico—Roller stock adapters for presses to convert into ball bearing type. Infra-red stereotype mat drier. Alico, Incorporated, Montague, Mass.

○**Align-A-Drill**—Tool for drilling out broken screws on linecasting machine mouthpieces. Fisk Industries, 130 W. 46th St., New York 36, N. Y.

○**Align-A-Mat**—Matrix lug swaging tool to restore letter character alignment after lugs have become worn. Fisk Industries, 130 W. 46th St., New York 36, N. Y.

Align-O — Process binding with page alignment. Spiral Binding Co., 406 W. 31st St., New York 1, N. Y.

Alkote—Photosensitive aluminum plates. Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.

All Buckle—Folder. Russell Ernest Baum, Inc., 615 Chestnut St., Philadelphia 1, Pa.

Aller—Stainless steel offset plates. Fred'k H. Levey Co., Inc., Machinery Div., 4901 Grays Ave., Philadelphia 43, Pa.

Almor—Pyrometers and controllers. Illinois Testing Laboratories, Inc., 420 N. La Salle St., Chicago 10, Ill.

Alpha—Continuous tone photography dry plates. G. Cramer Dry Plate Co., 1835 Shenandoah Ave., St. Louis 4, Mo.

Alquist—Winder. Hobbs Mfg. Co., 26 Salisbury St., Worcester 5, Mass.

Altair—Polyethylene bag making machine. Altair Machinery Corp., 55 Vandam St., New York 13, N. Y.

Alum-O-Lith—Presensitized aluminum offset plate. Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 1449 Industrial Park St., Covina, Calif.

Ambassador—Newspaper press under blanket. Goodyear Tire & Rubber Co., 1144 E. Market St., Akron 16, O.

○**Amco**—Numbering machine ink and ready inked pads. American Numbering Machine Co., Atlantic & Shepherd Aves., Brooklyn 8, N. Y.

Amcodater—Hand dating machine. American Numbering Machine Co., Atlantic & Shepherd Aves., Brooklyn 8, N. Y.

American—Bookbinding and stitching wires. American Steel & Wire Co., Rockefeller Bldg., Cleveland 13, O.

○**American**—Lead and rule cutter. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

○**American**—Makeready paste and pad glue; printers rollers and adhesives. American Roller Co., 1342 N. Halsted St., Chicago 22, Ill.

American — Numbering machines. American Numbering Machine Co., Atlantic & Shepherd Aves., Brooklyn 8, N. Y.

American—Press counter and press seat. F. B. Redington Co., 112 S. Sangamon St., Chicago 7, Ill.

American—Printing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

American Coils—Air conditioning equipment. American Coils Co., 25 Lexington St., Newark 5, N. J.

American 5-in-1—Hand numbering machine. American Numbering Machine Co., Atlantic & Shepherd Aves., Brooklyn 8, N. Y.

American Precision — Mechanical chalk overlay. Martin Cantine Co., Saugerties, N. Y.

○**American Type Founders**—Printing, offset, rotogravure and photoengraving equipment and supplies. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

American Visible—Hand numbering machines. American Numbering Machine Co., Atlantic & Shepherd Aves., Brooklyn 8, N. Y.

Amprinko—Printing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

○**Amsco**—Electric welded steel chases. American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.

○**Amtyco**—Printing inks in tubes only. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

○**Anchor-It**—Pressure sensitive adhesive spray. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

○**Ancheroil**—Mineral oil for lubricating printing presses. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

Anderson—Upright trucks, drying racks, banding presses, bundling presses, automatic magazine wrapping machine, timetable folding machine, catalogue folding machine, fibre sign pasting and folding machine, celluloid cutting machine, celluloid press. C. F. Anderson & Co., 3225 Calumet Ave., Chicago 16, Ill.

Angle Steel—Cabinets, trucks, tables, galleys, furniture for printing plants. Angle Steel Inc., 127 Oak St., Plainwell, Mich.

Aniline Kleensolve—Solvent cleaning for knurled rollers. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Aniliner—Aniline or fluid ink press. Kidder Press Co., Inc., 121 Broadway, Dover, N. H.

○**Anilox**—Printing ink for aniline presses. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Anniversary—Halftone inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Anti-Work-up—Non-workup solution. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Apex—Press for printing cylindrical and odd-shaped objects. Apex Machine Co., 14-13—118th St., College Point 56, N. Y.

Apic — Printing ink conditioner. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Apigel—Reducing compound. General Printing Ink Co., Div. of Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Apilith—Offset inks. General Printing Ink Co., Div. of Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Apo-Tessar—Photographic objectives for process and lithographic work. Carl Zeiss, Inc., 485 Fifth Ave., New York 17, N. Y.

○**A.P.S.**—Cork molding blankets and gummed packing felts. American Publishers Supply Inc., 50B Salem St., Lynnfield, Mass.

Aqualine—A water soluble ink for use on aniline presses. Martin Driscoll & Co., 610 S. Federal St., Chicago 5, Ill.

○**Aqualox**—Flexographic inks. Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Aquaplate—Photoengravers' glass. Semon Bache & Co., 636 Greenwich St., New York 14, N. Y.

Aquaset—Ink set under application of steam and water. Bowers Printing Ink Co., 2655 W. Irving Park Rd., Chicago 18, Ill.

Aquasorb—Dehumidifier. Abbeon Supply Co., 179-15 Jamaica Ave., Jamaica 32, N. Y.

Aquatex—Seamless cotton knit tubing for offset and lithographic rollers. Godfrey Roller Co., 215 North Camac St., Philadelphia 7, Pa.

○**Aqua-Trol** — Moisture extracting device for offset presses. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Arabol—Book adhesives and remoistening gums. Arabol Manufacturing Co., 110 E. 42nd St., New York 17, N. Y.

Arabol Pad Tex—Cold cement for padding. Arabol Manufacturing Co., 110 E. 42nd St., New York 17, N. Y.

Arbeka—Cotton press tape. Arbeka Webbing Co., 1135 Roosevelt Ave., Pawtucket, R. I.

Aridifier—Compressed air cleaning and drying device. Logan Engineering Co., 4901 W. Lawrence Ave., Chicago 30, Ill.

Aristocrat—Newspaper top blanket. Goodyear Tire & Rubber Co., 1144 E. Market St., Akron 16, O.

○**Arrowhead** — Black and colored inks. Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

○**Arrowtone**—Black ink. Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

○**Arrowtoners** — Newspaper process and ROP colors. Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

○**Art**—Register hooks for patent base. Challenge Machinery Co., Fulton Ave. & Beech Tree St., Grand Haven, Mich.

Artist's—Rubber cement. Rubba, Incorporated, 1015 E. 173rd St., New York 60, N. Y.

Artype—Self-adhering acetate sheets with alphabets, arrow and signs for photographic reproduction. Artype, Incorporated, 127 S. Northwest Highway, Barrington, Ill.

○**ATF**—Abbreviation of firm name. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

○**ATF**—Foundry type and brass rule. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Chief—Line of offset printing presses. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Chief 15, 20, 22, 24, 29, 126, 226, 238 — Offset printing presses. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Duratin—Foundry cast leads and slugs, foundry cast rule. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Flexojobber — Roll to sheet flexographic press. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Flo-Mix Unit—Dry powder non-offset unit. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Green Hornet—Web-fed two color offset job press. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Hadego—Photocomposing machine (display). American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Lithomaster—Plastic plates and offset supplies. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Little Giant Letterpress—American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Liqua-Spra Unit — Liquid non-offset unit. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Mann—Offset sheet-fed perfecting press. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Senator Paper Cutters—American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Solna—Offset sheetfed perfecting press. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Super Chief—Offset printing press. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Typesetter—Text phototypesetting machine. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Atlas — Halftone emulsion and coating solutions. Teaneck Chemical Co., Inc., 10 Walnut St., Teaneck, N. J.

Atmoset — Water reducible inks. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

Atom-Jet — Anti-offset sprayer. Oxy-Dry Sprayer Corp., 1134 W. Montrose Ave., Chicago 13, Ill.

Auroral—Dry colors. Pigments Div., Sun Chemical Corp., 10-10—44th Ave., Long Island City 1, N. Y.

Autobinder — Strapping machine. A. J. Gerrard & Co., 400 E. Touhy Ave., Des Plaines, Ill.

Autoclamp—Automatic plate clamp for newspaper and magazine printing presses. Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

Auto-Ejector—Automatic control for ejector blades. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Autoformer—For vacuum forming and electrically baking dry mats. Sta-Hi Corporation, 254 W. Washington Blvd., Whittier, Calif.

Autogrip—Truck for conveying large type forms. Southworth Machine Co., 30 Warren Ave., Portland 2, Me.

Autolift — For returning used plates to stereotype metal furnaces. Wood Newspaper Machinery Corp., 501 Fifth Ave., New York 17, N. Y.

Automatic—Numbering machines. Wm. A. Force & Co., 216 Nichols Ave., Brooklyn 8, N. Y.

Automatic—Saw blades. Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind.

Auto-Pack — Packless stereotype mat. New Products Div., Beveridge Paper Co., 705 W. Washington St., Indianapolis 4, Ind.

Autopaster—(Automatic Junior) Full-speed web splicing machinery. Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

Autoplate—Automatic, Junior Standard and Heavy Duty Pony curved stereotype plate casting machinery. Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

Autoreel—Web roll handling equipment. Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

Autoscan—Photographic color separation scanner. Royal Zenith Corp., 180 Varick St., New York 14, N. Y.

Autoshaver—Curved stereotype plate finishing machine. Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

Autoshift — Automatic magazine shift. Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 2, N. Y.

Autospacer—Device on Intertype wh'ch automatically quads right, left or centers a line. Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 2, N. Y.

Autospacer—Automatic paper cutting machine. Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.

Autostart—Motors. U. S. Electrical Motors, Inc., 200 E. Slauson Ave., Los Angeles 54, Calif.

Auto-Stitcher—Automatic wire stitching machine. F. P. Rosback Co., 225 Fifth Ave., Benton Harbor, Mich.

Autostrapper — Automatic strapping equipment using oval strapping for bales, cases, cartons, skid loads. Wiretyer Corporation, 65 Lelliarts Lane, East Paterson, N. J.

Auto-Wrap—Machine which folds, flat wraps, and label addresses magazines. L. C. Martin & Associates, 302 Crestwood Village, Northfield, Ill.

A. W. Algrip—Safety steel floors for plate foundry and pressroom. Alan Wood Steel Co., Conshohocken, Pa.

A. W. Super Diamond—Pattern steel floor plate. Alan Wood Steel Co., Conshohocken, Pa.

Axelette — Three paddle etching machine. Axel Holmstrom Etching Machines, 2555 Carpenter St., Philadelphia 46, Pa.

A-Z Electric Alloy—Photoengravers plates. Atlantic Zinc Works, 210 Van Brunt St., Brooklyn 31, N. Y.

A-Z—Litho platemaking equipment, whirlers, cameras, photographic printers, vacuum printing frames, arc lamps and silk screen machines. Miller-Trojan Co., Inc., 1083 W. Main St., Troy, O.

B

B & A—Type wash. E. H. Walker Supply Co., 140 Que St., Washington 2, D. C.

Backote—Acid resisting coating on back of photoengraving zinc plates. Atlantic Zinc Works, Div. Ball Bros. Co., Inc., 210 Van Brunt St., Brooklyn 31, N. Y.

Baker — Gas and electric fork trucks, platform trucks. Baker Industrial Trucks, Div. Otis Elevator Co., 8000 Baker Ave., Cleveland 2, O.

Balanced—High speed inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Balemaster — Paper disposal and baling equipment. Balemaster Div., East Chicago Machine Tool Corp., 4801 Railroad Ave., East Chicago, Ind.

Baldwin—Press washers for rotary and offset presses, ink agitator, vibrator roller; litho water stops and water levels. Baldwin - Gegenheimer Corp., Inc., 80 Roebling St., Brooklyn 11, N. Y.

Ballard—Process for plating rotogravure press cylinders. Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.

Ball Bearing—Roller cores. William C. Hart Co., 137 Greene St., New York 12, N. Y.

Baltotype—Foundry type, borders and rules. Baltimore Type and Composition Corp., 305 East 45th St., Baltimore 2, Md.

Bancroft—Slug-high sinkers. Ralph Bancroft Co., 324 Fifth Ave. S., Minneapolis 15, Minn.

Banthin—Small size automatic letterpress cylinder press. Banthin Engineering Co., 1849 Main St., Bridgeport 4, Conn.

Barekolor—A photographic method of reproportioning two, three, or four color process drawings or photographs and complete multicolored ads. Graphic Arts Research Foundation, 112 W. Kinzie St., Chicago 10, Ill.

Barker—Two, three and four color roll feed rotary press with hydraulic rewind. Electrotyping and stereotype finishing machines. Color plate registering system. Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa.

Bar-Rack—Floor rack for temporary storage of slotted eye typemetal pigs. Bar-Rack Company, 595 Reed Ave., Akron 1, O.

Baumfolders—Paper folding machines. Russell Ernest Baum, Inc., 1540 Wood St., Philadelphia 2, Pa.

Bausch & Lomb—Paper fiber microscope, wide field binocular microscope, microprojector, papermaker's pocket magnifier, photomicrographic outfit, opacimeter, daylight microscope lamp. Bausch & Lomb Optical Co., 651 St. Paul St., Rochester 2, N. Y.

Beacon—Bakelite molder. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

Beard-Detroit — Newspaper form table. Beard Newsprint & Warehouse Co., Inc., 8761 Fulton St., Detroit 9, Mich.

Beck—Automatic roll sheet cutter, slitter and rewinder, sheeter-printer. Charles Beck Machine Corp., 42 Church Rd., King of Prussia, Pa.

Beda—Mechanical Ben Day proofing process. Graphic Arts Research Foundation, 112 W. Kinzie St., Chicago 10, Ill.

Ben Franklin — Composing room saw trimmer. Hammond Machinery Builders, Inc., 1604 Douglas Ave., Kalamazoo 54, Mich.

Beregh — Anti-offset spray gun equipment. Oxy-Dry Sprayer Corp., 1134 W. Montrose Ave., Chicago 13, Ill.

Betsy—Automatic collating machine. J. Curry Mendes Corp., New Bedford Industrial Park, New Bedford, Mass.

Beveridge Humidifier—Dry mats. Beveridge Paper Co., New Products Div., 717 W. Washington St., Indianapolis 4, Ind.

Big Boy—Typographic numbering machines, large stock figure machines. American Numbering Machine Co., Atlantic & Shepherd Aves., Brooklyn 8, N. Y.

Big Chief—S type metal remelting furnace. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

Big Chief "29" — Offset press. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Bijur—High-Pressure, Continuous, one-shot and automatic hydraulically-operated lubricating systems. Bijur Lubricating Corporation, 151 W. Passaic St., Rochelle Park, N. J.

Binder-Matic—Automatic jogging, stitching and folding machine for booklets. Farrington Business Machines Corp., Industrial Park, New Bedford, Mass.

Bindex—Binders in plastic. General Binding Corp., 231 S. Green St., Chicago 14, Ill.

Bingham—Rollers, glues, padding compounds. Bingham Brothers Co., 406 Pearl St., New York 38, N. Y.

Bingham—Rollers, glues, padding coating bases and coating composition for printing press rollers. Sam'l Bingham's Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.

Bishop — Electrotype and stereotype leveling materials, curving dies, treating dies. Bishop-Stansell Co., P.O. Box 35, W. Carrollton, O.

Bishop — Pre-makeready system for electrotypes. Lake Shore Electrotype Div., 1224 West Van Buren St., Chicago 7, Ill. Reilly Electrotype Co., Div., Electrographic Corp., 305 E. 45th St., New York 17, N. Y.

Bista—Pre-makeready system for electrotypes and stereotypes. Lake Shore Electrotype Div., 1224 West Van Buren St., Chicago 7, Ill. Reilly Electrotype Co., Div. Electrographic Corp., 305 E. 45th St., New York 17, N. Y.

Black and White Matrices—Process for blackening reference edges of line-composing machine matrices and afterward whitening the reference characters. Matrix Contrast Corp., 154 W. 14th St., New York 11, N. Y.

Black Arrow — Paper trimming knives for all makes of cutters. Ohio Knife Co., B. & O. Ry. & Dreman Ave., Cincinnati 23, O.

Black Beauty—Galleys. Challenge Machinery Co., 19 N. First St., Grand Haven, Mich.

Black Face—Drawsheet, 0.024 in. gauge, pyroxylin coating. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

Blanket—Wash for offset printing press blankets. Martin Driscoll & Co., 610 Federal St., Chicago 5, Ill.

Blatchford — Type metals, plate mounting equipment. National Lead Co., 111 Broadway, New York 6, N. Y.

Blaz-On—Textile silk screen paint. The Sherwin-Williams Co., Graphic Arts Div., 101 Prospect Ave., N.W., Cleveland 1, O.

Bliss—Wire stitching machines. Bostitch, Inc., East Greenwich, R. I.

Blu Film — Silk screen stencil sheets. Nu-Film Products Co., Inc., 56 W. 22nd St., New York 10, N. Y.

Blu-print—Process for making blue prints on glass by contact. Harold M. Pitman Co., 3239 S. 51st Ave., Cicero 50, Ill.

Blue Boy—Typographic numbering machines. American Numbering Machine Co., Atlantic & Shepherd Aves., Brooklyn 8, N. Y.

Blue 5000—Cork stereotype molders. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

Blue Label—Routing cutters, carbon steel cutters. John Royle & Sons, 10 Essex St., Paterson 3, N. J.

Blue Ribbon—Hot molding mats for advertisers, book and job work, newspaper ROP color work, multiple casts. Certified Dry Mat Corp., 555 Fifth Ave., New York 17, N. Y.

Blue Star—Matrix sealing tape. Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.

Blue Streak — Trade name for Linotype machines. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Bluestone — Tailboard paper for stereotype casting box. United Stereotype Supply Corp., P.O. Box 38, West Lynn, Mass.

Bookleteer — Automatic collating, jogging, stitching and folding of booklets. Farrington Business Machines Corp., Industrial Park, New Bedford, Mass.

Booklet-O-Matic — Automatic collating, saddle stitching and folding of booklets. Parnat Business Machines Corp., 1816 Boston Rd., New York 60, N. Y.

Booth's—Zink cut cement. E. A. Booth Rubber Co., 2855 Scarborough Rd., Cleveland Heights 18, O.

Bostitch—Staplers and paper fasteners. Bostitch, Incorporated, East Greenwich, R. I.

Boston—Wire stitchers and wire staplers and staples. Bostitch, Incorporated, East Greenwich, R. I.

Bowser — Ink and oil pumps. Bowser, Incorporated, 1302 E. Creighton Ave., Fort Wayne 2, Ind.

Brackett — Stripping machines, tipping machines, tape and trimmers, scoring and creasing machines. Brackett Stripping Machine Co., Topeka, Kan.

Brackett—Trimmers. Dexter Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

Brighten—Roll leaf and roll leaf equipment. Griffin, Campbell, Hayes, Walsh, Inc., 50 E. 21st St., New York 10, N. Y.

Brightype—Service for conversion of letterpress printing material into photographic images for use by any printing process. Brightype Div., Central Publishing Co., Inc., 401 N. College Ave., Indianapolis 2, Ind.

Bronzmaster—Soldan bronzing machine. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

Brown—Folding machines. Brown Folding Machine Co., 3767 Chester Ave., Cleveland 14, O.

Brown Face—Drawsheet, 0.016 in. gauge, duck with pyroxylin coating. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

Buckeye — A composing stick. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

Bur-Paste — Bookbinders paste. Burrage Glue Co., 15 Vandewater St., New York 7, N. Y.

C

CADM—Rotary collating table. Super Speed Printing Machinery, Inc., E. 65th and Euclid, Cleveland 3, O.

Calrod — Electric heating units. General Electric Co., 1 River Rd., Schenectady 5, N. Y.

Camachine — Winders, rewinders, slitters, also web tension and side guiding controls for slitters, presses and other roll handling equipment. Cameron Machine Co., 61 Poplar St., Brooklyn 2, N. Y.

Cambridge—Printers' moisture indicator. Cambridge Instrument Co., 420 Lexington Ave., New York 17, N. Y.

Camerama—Overhead camera for offset, gravure and silk screen. Lanston Monotype Co., Div. Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.

C & G—Saw trimmers, sawliner, router, jig-saw and type high machine, universal saw blades, strip material cabinet, waste receptacles. Morrison Co., 125 W. Melvina St., Milwaukee 2, Wis.

C & P — Automatic, power and lever paper cutters, cylinder presses, automatic and open platen presses, heavy duty platen presses. Chandler & Price Co., 6000 Carnegie Ave., Cleveland 3, O.

Canada—General printing ink. Canada Printing Ink Co., Ltd., Brockhouse Rd., Etobicoke, P.O. Box 265, Postal Station N, Toronto 14, Ont., Can.

Cantine's—Precision coated American mechanical chalk relief overlay board. Martin Cantine Co., Saugerties, N. Y.

Capco—Portable ink fountain; rewinder and splicer. Capital Tool & Mfg. Co., 5000 Calvert Rd., College Park, Md.

Caprock — Gray contact screens. Caprock Developments, 165 Broadway, New York 6, N. Y.

Cardoplate — Address plates that attach to ledger cards. Addressograph-Multigraph Corporation, 1200 Babbitt Rd., Cleveland 17, O.

Carlson Hi-Lo—Stereotype chase. Chesley F. Carlson Co., 2240 Edgewood Ave., Minneapolis 26, Minn.

Carlson Plate Finisher—Mortising and edging equipment for plates. Carlson, Chesley F., Co., 2240 Edgewood Ave., Minneapolis 26, Minn.

Carmichael — Blankets for relief printing. Carmichael Blanket Co., 973 Canterbury Rd., N.E., Atlanta 5, Ga.

Cartridge—Bearings. Norma-Hoffman Bearings Corp., Stamford, Conn.

Carver—Steel die embossing press. The Cronite Co., North Bergen, N. J.

Cascade—High speed raised printing machine. Embossograph Process Co., Inc., 3720—14th Ave., Brooklyn 18, N. Y.

Casco — Multiple head punching machine. Southworth Machine Co., 30 Warren Ave., Portland 2, Me.

Casper—Platen press grippers. Casper Gripper Co., 2123 E. Ninth St., Cleveland 15, O.

Cast-A-Trol—Type metal temperature control equipment. Partlow Corporation, 2 Campion Rd., New Hartford, N. Y.

Cast-in-Calrod — Electric heating units. General Electric Co., 1 River Rd., Schenectady 5, N. Y.

Cast-Tex—Newspaper dry mats. Burgess Cellulose Co., Foot of Exchange St., Freeport, Ill.

Castomatic—Metals for all printing purposes. Federated Metals Div., American Smelting & Refining Co., 120 Broadway, New York 5, N. Y.

Cavalier—Ink for offset printing. Canada Printing Ink Co., Ltd. Etobicoke, P.O. Box 265, Postal Station N, Toronto 14, Ont., Can.

Celanese—Polyethylene film. Celanese Corp. of America, 180 Madison Ave., New York 16, N. Y.

Celero — Flexographic and pigmented inks. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

Cellocoat—Cold top enamel. E. H. Walker Supply Co., 140 Que St., Washington 2, D. C.

Celloprinter — Rotary press for printing on cellulose tissues. Kidder Press Co., Dover, N. H.

Celluloid—(Cellulose nitrate) plastic material in sheets, rods, tubes and rolls. Celanese Corp., 180 Madison Ave., New York 17, N. Y.

Centaur — Tympan paper. Cromwell Paper Co., 4801 Whipple St., Chicago 32, Ill.

Centrifugal Cast—Treated electrotypes. Reilly Electrotype Co., Div. of Electrographic Corp., 305 E. 45th St., New York 17, N. Y.

Cercla—Mechanical binding in metal. General Binding Corp., 1101 Skokie Hwy., Northbrook, Ill.

Cerflex—Mechanical binding in plastic. General Binding Corp., 1101 Skokie Hwy., Northbrook, Ill.

Cerlox—Plastic binding. General Binding Corp., 1101 Skokie Hwy., Northbrook, Ill.

Certified—Syndicate and newspaper stereotype mats. Certified Dry Mat Corp., 555 Fifth Ave., New York 17, N. Y.

Certifine — Tympan paper. Roll widths for every press. Riegel Paper Corp., 260 Madison Ave., New York 16, N. Y.

Challenge—Unit galley cabinets, iron furniture, lever, power and automatic paper cutters, newspaper base cabinet, paper drilling machines, portable router with curved plate attachment, power ink distributor, type high unit (serving as router, router vise) storage tables, rotogravure cylinder tables. Challenge Machinery Co., 19 N. First St., Grand Haven, Mich.

Challenger — Camera lamps for copy cameras. Strong Electric Corp., 87 City Park Ave., Toledo 2, O.

Champ—Tipping and book back glue. Champion Manufacturing Co., Inc., 824 N. Caldwell St., Charlotte 6, N. C.

ChamPADco—Padding press and cement. Champion Manufacturing Co., Inc., 824 N. Caldwell St., Charlotte 6, N. C.

Champion—Cork creepers. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

Champion—Non-scratch halftones, book and super black inks. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

Champion—Padding press. Champion Manufacturing Co., Inc., 824 N. Caldwell St., Charlotte 6, N. C.

Champion — Stitching machine. Acme Steel Products, Div. of Acme Steel Co., 135th St. & Perry Ave., Chicago 27, Ill.

Champlain—Roll feed gravure and letterpress printing equipment, etc. Champlain Company, Inc., Harrison Ave., Roseland, N. J.

Chandler—Stringing and tying machines. Chandler Sales & Service Co., 245 Seventh Ave., New York 1, N. Y.

Chapman—Static eliminator for presses, bronzers, feeders, folders, etc. The Portland Company, 60 Fore St., Portland 6, Me.

Chemco—Stripfilm roll camera, etching machines, whirlers, stove coolers, stripping cabinets, powder boxes, stainless steel developing tanks, refrigerated sinks, stripfilm, stripfilm developer, collodion, acid sulphate solution, hardener tablets. Chemco Photoproducts Co., Charles St., Glen Cove, N. Y.

Chemco Wax and Fast Setting Inks—Printing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Chemical Color & Supply—Printing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Chemigum — Synthetic resin-like plate making material. Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.

Cheshire — Mailing and labeling machines, counter stacker machines, labeling adhesive. Cheshire, Incorporated, 1644 N. Honore St., Chicago 22, Ill.

Chex — Negative stain. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

Chief "22"—Offset printing press. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Christensen — Continuous suction stream feeder, pile suction stream feeder, multiple-head gathering and stitching machine, high-speed bronzer. Dexter Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

Chromatone — Inks. Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.

C Kelly—Automatic cylinder press. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Clark—Newsprint roll and materials handling equipment. Clark Equipment Co., Industrial Truck Div., Battle Creek 151, Mich.

Clarkes' Pearl Web Grippers—Special grippers for patent base. Will-Lo Products, 4518 N. Winchester, Chicago 40, Ill.

Claybourn Precision — Diagonal base and plate clamps. The Cottrell Company, Sub. Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.

Clean-A-Mat—Tool for eliminating hairlines on slugs cast on linecasting machines. Fisk Industries, 130 W. 46th St., New York 36, N. Y.

Clean-O-Type—A powdered type metal flux. Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.

Cleveland—Black and red inks for letterpress use. Braden Sutphin Ink Co., 3650 E. 93rd St., Cleveland 5, O.

Cleveland—Paper folder. Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

Climax—Paper drills. Climax Manufacturing Co., 1025 E. Chestnut St., Santa Ana, Calif.

Cling-Surface—Liquid or bar preservative for transmission belts. Cling-Surface Co., 1032-48 Niagara St., Buffalo 13, N. Y.

Clipper — Belt lacers, cutters, hooks, lacers, tape lacers, cutters and fasteners. Clipper Belt Lacer Co., 974 Front Ave., N. W., Grand Rapids 2, Mich.

Clipper—Printing press. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Clipper—Rolling table saw for composing and stereo departments. J. A. Richards Co., 903 N. Pitcher St., Kalamazoo, Mich.

CMC—Platen printing press, corner cutter, pedestal and bench models. Craftsmen Machinery Co., 75 W. Dedham St., Boston 10, Mass.

Collamatic—Gathering and collating equipment. Collamatic Corporation, State Hwy. No. 23, Wayne, N. J.

Colomat—Diazotype film for process color proofing. Unitronics Div., Lanston Industries, Inc., G St., below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.

Colorado Red—Printing ink. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Colorgraph—Color printing process without color plates. Multicolors from black and white halftone. Colorgraph Process Co., 241 E. Illinois St., Chicago, Ill.

Colorgraph—Machine for producing continuous tone, corrected positives or negatives. HCM Corporation, 80 Varick St., New York 13, N. Y.

Color Plate Pre-Registering Machine—A high speed system for accomplishing precise register of two, three and four color stereotype plates for newspapers. Wood Newspaper Machinery Corp., 688 Second St., Plainfield, N. J.

Color-Sep—Unit for making screened or continuous tone process color separation negatives and positives from positive and negative transparencies. Paul Anderson Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio 9, Tex.

Colorvar—Colored overprint varnish. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Color Verter—Paper coloring machine. Speedflex Corporation, 117 W. Ninth St., Los Angeles 15, Calif.

Colotone—Shading sheets for preseparated color copy. Bourges Color Corp., 80 Fifth Ave., New York 11, N. Y.

Colt's Armory—Printing presses. Thomson-National Press Co., Dean Ave., Franklin, Mass.

Combino—Synthetic top blanket. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

Commander—Screen process printing press. Commander Engineering and Mfg. Co., 4375 Duncan Ave., St. Louis 10, Mo.

Comet—Flatbed web perfecting press. The Goss Company, Div. of Miehle-Goss-Dexter Inc., 5601 W. 31st St., Chicago 50, Ill.

Comet 300 — Linotype line-composing machine operates at 12 lines per minute. May be operated manually or by Teletypesetter keyboard operating unit. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Comet—Platemaking camera. Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.

Comfortaire—A dehumidifying unit. American Coils Co., Lakewood Rd., Farmingdale, N. J.

Composer—Makeup unit of Linofilm system. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Computagram — Computing fan scale for laboratory use. Toledo Scale Co., 1015 Telegraph Rd., Toledo 12, O.

Condor—Rubber belts. Manhattan Rubber Mfg. Div., Raybestos-Manhattan, Inc., 61 Willett St., Passaic, N. J.

Consoleveler—Plate finishing machine. Bishop-Stansell Co., W. Carrollton, O.

Constant — Non-scratch printing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Contrast—Copying purposes dry plates. G. Cramer Dry Plate Co., 1835 Shenandoah Ave., St. Louis 4, Mo.

Cooksey—System of web break detection and severing of the web on rotary, magazine and newspaper presses. Korthe Engineering Co., 9353 Seymour Ave., Schiller Park, Ill.

Cooper Hewitt—A mercury vapor lamp. General Electric Co., 1 River Rd., Schenectady 5, N. Y.

Coppersheen—Inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Cork-coat — Blanket treatment. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

Corkpak—Cork stereotype molding blankets, cutting rubbers, drawsheets, folding and delivery tapes and couplers, gummed space backing felt, press packing blankets, proof press blankets, rubber bottom and top blankets, rubber stereotype creeper blankets, tympan paper, under-packing and top blankets. The Corkpak Co., Inc., 70 Argyle Ave., New Rochelle, N. Y.

Corner-Matic—Round cornering machine. Climax Manufacturing Co., 1025 E. Chestnut St., Santa Ana, Calif.

Cosomatic Printer—Labeling, roller coating and decorating press for various shaped objects. Cosom Engineering Corp., 6030 Wayzata Blvd., Minneapolis 16, Minn.

Cost Cutter — A composing room saw-trimmer. Pate Company, The, 6124 N. Pulaski Road, Chicago 46, Ill.

Cottrell—Rotary magazine presses, roll-feed and sheet-feed, single and multicolor web offset presses, Goebbel gravure presses and slitting and rewinding equipment, Cottrell letterpress platemaking equipment. The Cottrell Company, Sub. of Harris-Intertype Corporation, 86 Mechanic St., Westerly, R. I.

Coverwell—Inks. Martin Driscoll & Co., 610 Federal St., Chicago 5, Ill.

Covorite—Offset plate gum. Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Cowan—Perforating, slitting and scoring attachment for cylinder presses, perforating gripper and scorer for platen presses. Cowan Pressroom Products, Inc., 1651 Cosmo, Hollywood 28, Calif.

Cox-O-Type—Flatbed web perfecting press. The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

Craco-Lith—Line-contact halftone photography dry plates. G. Cramer Dry Plate Co., 1835 Shenandoah Ave., St. Louis 4, Mo.

Craft and Duplex—Non-meltable rollers. Bingham Bros. Co., 406 Pearl St., New York 7, N. Y.

Craftint—Shading mediums. Craftint Mfg. Co., E. 152nd at Collamer, Cleveland 10, O.

Craftsman — Automatic platen presses, heavy duty platen press, power paper cutter. The Chandler & Price Co., 6000 Carnegie Ave., Cleveland 3, O.

Craftsman—Lineup table precision two-way form liner offset table. Craftsman Lineup Table Corp., 49 River St., Waltham 54, Mass.

Craftsmen—Finger-touch lead and rule cutter. Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass.

Cramaco — Embossing and die making press. Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass.

Cramer—Electrical timers. Cramer Controls Corp., 100 Saybrook Rd., Centerbrook, Conn.

Crawford—Single wrapper mailing machine. MayVan Corporation, 1141 N. Washington Ave., Scranton 9, Pa.

Crawley—Rounding and backing machines. Crawley Book Machinery Co., 328 Keturah St., Newport, Ky.

Crescent—Oil rollers for offset printing. Bingham Bros. Co., 406 Pearl St., New York 7, N. Y.

Crescent—Ink for flexographic and rotogravure printing. Canada Printing Ink Co., Brockhouse Rd., Etobicoke, P.O. Box 265, Postal Station N, Toronto 14, Ont., Can.

Cresco—Letterpress inks. Crescent Ink & Color Co., 464 N. 5th St., Philadelphia 23, Pa.

Criptic—Lithographic inks. Crescent Ink & Color Co., 464 N. 5th St., Philadelphia 23, Pa.

Cromwell Special Prepared—Tympan paper. Cromwell Paper Co., 4801 S. Whipple St., Chicago 32, Ill.

Cronar—Polyester Graphic Arts film. E. I. du Pont de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.

Cronite—Equipment and supplies for die stamping (steel die embossing). The Cronite Co., North Bergen, N. J.

Cross—Continuous paper feeders. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

Crown—Dull halftone ink. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

Crusader — Ink for letterpress printing. Canada Printing Ink Co., Ltd., Brockhouse Rd., Etobicoke, P.O. Box 265, Toronto 14, Ont., Can.

Curle—Line-composing matrix anvil and tool gauge assembly. Monomelt Co., 1611 Polk St., Minneapolis 13, Minn.

Curle Slug Corrector—For attachment to Intertypes and Linotypes. Curlesaw, Inc., 1725 Maple St., Los Angeles 15, Calif.

Curry Collator — Automatic collator. Manufactured by J. Curry Mendes Corp., New Bedford Industrial Park, New Bedford, Mass.

Curtis Color Analyst—Device for analyzing color in paper separation prints before etching photoengraving plates to determine color values. Curtis Laboratories, Inc., 2718 Griffith Park Blvd., Los Angeles 27, Calif.

Cushion Cork—Cork blanket with fabric both sides. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

Cushman—Offset motors for Linotypes and Intertypes. Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.

Cutler-Hammer—Electric switches and controls for printing machinery. Newspaper conveyors and metal melting heating elements. Cutler-Hammer, Incorporated, 315 N. 12th St., Milwaukee 1, Wis.

CY — 28x41 Automatic cylinder cutter and creaser. Miller Printing Mchy. Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

Cyclospray—Copper etcher. U. S. Stoneware Co., Tallmadge Ave., Akron 9, Ohio.

C-Z—Platen press grippers. Casper Gripper Co., 2123 E. Ninth St., Cleveland 15, O.

D

Daily—Composing machine mold lubricant. Joseph Dixon Crucible Co., 167 Wayne St., Jersey City 3, N. J.

Dampabase—Seamless undercovering for dampener rollers. Godfrey Roller Co., 215 North Camac St., Philadelphia 7, Pa.

Damporite—Offset fountain solution. Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Dav-A-Matic — Offset duplicator. Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Davidson—Offset supplies; offset and letterpress inks; paper masters. Davidson Corporation, Sub. of Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Davidson Perforator—Scorers and slitters for printing presses. Davidson Perforator Co., 319 Main St., East Berlin, Conn.

Day—Ink mills and mixers. The J. H. Day Co., Div. of Cleveland Automatic Machine Co., 4932 Beech St., Cincinnati 12, O.

Dayco — Synthetic and rubber printing rollers for letterpress and offset; Dayco Stayput synthetic and rubber printing rollers for newspapers; synthetic rubber plate material (uncured). Dayton Industrial Products Co., Dayco Department, 2001 Janice Ave., Melrose, Ill.

Dayco—Color separators and fountain dividers for printing presses. Dayton Rubber Co., Dayco Div., Dayton 1, O.

Day-Glo—Daylight fluorescent silk screen inks. Switzer Brothers, Inc., 4732 St. Clair Ave., Cleveland 3, O.

Dayton—Paper trimming knives. Simonds Worden White Co., Summit St. & Negley Pl., Dayton 1, O.

Deep Etch—Process for making intaglio offset press plates. Harold M. Pitman Co., 3239 S. 51st Ave., Cicero 50, Ill.

Dek-A-Tube—High speed tubular printing press. The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

Densichron—Reflection and transmission densitometers. W. M. Welch Mfg. Co., 1515 Sedgwick St., Chicago 10, Ill.

Desomatic—Dehumidifier. Abbeon Supply Co., 179-15 Jamaica Ave., Jamaica 32, N. Y.

Detergine—Type and roller wash. Duryea Products Co., Inc., 168 Rockland Ave., Woonsocket, R. I.

Deublin—Rotating water joints for webfed presses. Deublin Company, 1919 Stanley St., Northbrook, Ill.

Dewset—Ink. Fred'k H. Levey Co., 380 Madison Ave., New York 17, N. Y.

Dexter—Suction pile stream feeder, reloading stream paper feeder, continuous reloading cardboard feeder. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

Dexter — Jobbing folder, double sixteen folder, quadruple folder. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

Dexter-Cahen—Hot melt binding. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

Dexter-Cahen—Signature notcher. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

Dexter-de Florez—Casing in and building in machine. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

Dexter-de Florez—Jacketing machine. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

Dexter-de Florez—Gluing off and end sheet machine. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

Dexter-de Florez — High speed, sheet-fed case maker. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

Diaco—Contact printer for darkroom use. Unitronics Div., Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.

Dial Taper — Tape moistener. Marsh Stencil Machine Co., 707 East B St., Belleville, Ill.

Diamond—Five paddle etching machine. Axel Holmstrom Etching Machine, 2555 Carpenter St., Philadelphia 46, Pa.

Diamond—Halftone black printing ink. J. H. & G. B. Siebold, 150 Varick St., New York 13, N. Y.

Diamond—Power paper cutter. Challenge Machinery Co., 19 N. First St., Grand Haven, Mich.

Dick Mailer—Hand labeling machine. Dick Mailer Co., The, 137 W. Tupper St., Buffalo 1, N. Y.

Diene—Moisture set ink. Crescent Ink & Color Co. of Pa., 464 N. 5th St., Philadelphia 23, Pa.

DiKote—Plastic fibre plates. Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.

Di-Noc—Photograph film with non-shrinking qualities. Di-Noc Chemical Arts, Inc., 1700 London Rd., Cleveland 12, O.

Directomat—Direct pressure molding presses for stereotype matrix molding and drying. Lake Erie Machinery Corp., P.O. Box 68, Kenmore Sta., Buffalo 17, N. Y.

Disston—Paper cutter knives. Disston Division, H. K. Porter Co., Inc., Unruh and Milnor Sts., Philadelphia 35, Pa.

Dixie—Cold top enamel. Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

Dixon — A router and type-high planer. Automatic Saw Co., 735 E. Ohio St., Indianapolis 2, Ind.

Dixon—Mold polish for typesetting machine molds. Automatic Saw Co., 735 E. Ohio St., Indianapolis 2, Ind.

D-Mount—Rubber plate printing cylinder. Mosstype Corporation, 150 Franklin Turnpike, Waldwick, N. J.

Do-All—Auxiliary fingers for platen press grippers, all sizes of presses. Chester L. Lance Co., 620 Browder St., Dallas 1, Tex.

DoAll—Stereo band saw. DoAll Co., 254 N. Laurel Ave., Des Plaines, Ill.

Domore — Raised letter machine. Virkotype Corp., 111 Rock Ave., Plainfield, N. J.

Do-More Speedster—Saw trimmer, routers, planers. J. A. Richards Co., 903 N. Pitcher St., Kalamazoo 60F, Mich.

Doo Dad—Flat casting boards. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

Double Coated—A tape for mounting cuts. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

Double Grip—Gauges. E. L. Megill Co., 761 Atlantic Ave., Brooklyn 17, N. Y.

Double M—Folding machine. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

Double M — Magnesium furniture and newspaper cut mounting base. The Monomelt Co., Inc., 1611 Polk St., N.E., Minneapolis 13, Minn.

Double Purpose — Water cooled, roll-over air-cooled molds. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

Doubletone—Secondary color inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Double-Wall—Steel galleys. Challenge Machinery Co., 19 N. First St., Grand Haven, Mich.

Douthitt—Gravure, offset, photoengraving, stereotype, pressroom and silk screen equipment and supplies. The Douthitt Corporation, 680 E. Fort St., Detroit 26, Mich.

Dow-Chemco—Powderless etching machine for zinc and magnesium. Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

Dowd — Paper trimming knives. Simonds Worden White Co., 607 Negley Pl., Dayton 7, O.

Doyle—Electric sheet heater, vacuum sheet cleaner, infra-red drier and liquid static destroyer. The J. E. Doyle Co., 1220 W. Sixth St., Cleveland 13, O.

Doyle-Allen—Geared vibrator roller for platen presses. The J. E. Doyle Co., 1220 W. Sixth St., Cleveland 13, O.

Drawlok—Cylinder for mounting rubber printing plates. E. A. Crawford Co., P.O. Box 216, Edgewood Sta., Providence 5, R. I.

D. R. D.—Liquid offset dampener roller detergent. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

Dreissig — Bronzing machines. Henry P. Korn, Associated, Inc., 5 Beekman St., New York 38, N. Y.

Drillmaster—Power driven paper drill. Super Speed Printing Machinery, Inc., E. 65th and Euclid, Cleveland 3, O.

Dri Shield — Anti-oxidant spray for inks. Kohl & Madden Printing Ink Corp., 1132 S. Jefferson St., Chicago 7, Ill.

Dross Sifter—Monomelt Co., 1611 Polk St., N.E., Minneapolis 19, Minn.

DS Solution—Descumming solution for zinc and copper. Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

Dualkote — Photosensitive aluminum plates. Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.

Dual-Lith—Offset press. Davidson Corporation, Sub of Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Duall '6' Foto Unit—Combination, camera, enlarger and light table for making silk screen stencils. Modi-Graphic, Inc., 215 E. Ninth St., Cincinnati 2, O.

Doctor Roll Ink Control—For flatbed presses. Midwest Printers Supply, Inc., 1209 Sycamore, Cincinnati 10, O.

Dullset—Printing inks. Geo. H. Morrill Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Dumore—Litho asphaltum. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

Dumperin — Metal pot charging mechanism for type metal remelting furnaces. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

Duorite — Presensitized aluminum plates. Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Duplex — Combination molder. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

Duplex — Cork molder. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

Duplex — Flatbed web, semi-cylindrical, unitubular, tubular, high speed web printing presses and stereotype machinery. The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

Duplex — Numbering machines, type high. Wm. A. Force & Co., 216 Nichols Ave., Brooklyn 8, N. Y.

Duplex—Wire stitching machine. Gitzendanner - Muller Co., 15 Vandewater St., New York 38, N. Y.

ODuplex Display—Two letter Linotype matrices in 18 and 24 pt. sizes. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Duplex Non-Meltable—Compostion roller. Bingham Bros. Co., 406 Pearl St., New York 7, N. Y.

Duplimat — Duplicating master. Addressograph-Multigraph Corporation, 1200 Babbitt Rd., Cleveland 17, O.

Duponol—Surface roller and plate cleaner. E. I. du Pont de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.

Duradiant—Radiant gas burners for drying and heating photoengraving plates. Selas Corp. of America, Dresher, Pa.

Duraflex—Flexographic and gravure inks. Sinclair and Valentine Co., 611 W. 129th St., New York 27, N. Y.

ODuraplate — Photoengraving zinc alloy, designed for long press runs and for large quantity stereotype mat production. Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa; 1800 S. 54th Ave., Chicago 50, Ill.

Durol—Staging ink. Durol Company, Inc., P.O. Box 335, New Paltz, N. Y.

ODuromat—Stereotype dry mat for newspaper work. Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

Dutro Color King—Newspaper and magazine one to four unit color web offset printing press. Waste King Corp., 3424 Wilshire Blvd., Los Angeles 5, Calif.

ODX—Synthetic newspaper press roller. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

Dycril—Photopolymer flat and wrap-around printing plates. E. I. du Pont de Nemours & Co., Inc., Corner Tenth and Market Sts. Wilmington 98, Del.

E

Eagle — Printing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Eagle Solvent—Type wash. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Eagloss—Gloss inks for all purposes. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

OEastern—Casting boards, matrix storage box, cork lined. Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.

OEastern—Newspaper supplies, stereotype, composing room and pressroom. Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.

OEastern Red Fibre — Stereotype molding board. Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.

OEasyKaster—Casting boxes. Hammond Machinery Builders, Inc., 1603 Douglas Ave., Kalamazoo 54, Mich.

OEbonite—Plastic roller substituting for steel rollers on printing and lithographic presses. Rapid Roller Co., 2558 S. Federal St., Chicago 16, Ill.

Eclipse Supertex—Offset black ink. Gaetjens, Berger & Wirth, Inc. 35 York St., Brooklyn 1, N. Y.

Econex—News ink. J. M. Huber Corp., 1478 Chestnut Ave., Hillside, N. J.

Econo — Molded rubber printing plates. Plastiply matrices for plastic and rubber plates. Econo Products, Inc., 132 Humboldt St., Rochester 10, N. Y.

OEconomical—Block system, patent base. Challenge Machinery Co., 19 N. First St., Grand Haven, Mich.

Econ-O-Mist — Letterpress inks. Braznell Company, 5215 Manchester Ave., St. Louis 10, Mo.

Economy—Baling presses for all purposes. Economy Baler Co., 1254 N. Main St., Ann Arbor, Mich.

Economy—Paper lifters for stacking rolls, cases, bundles and skids. Economy Engineering Co., 4511 Lake St., Chicago 24, Ill.

OEconomy—Vertical rotary miterer. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

Economy—Sprayko fluid. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Edes—Gravure copper. Edes Manufacturing Co., Water St., Plymouth, Mass.

Edes—Hard matrix and regular zinc plates. Revere Copper and Brass, Inc., Edes Manufacturing Div., Plymouth, Mass.

OEktagraph — Stripping film for screen process halftone work. Eastman Kodak Co., 343 State St., Rochester 4, N. Y.

Elasta—Non-meltable rollers. Godfrey Roller Co., 215 North Camac St., Philadelphia 7, Pa.

OElectric Quadder—Device on Linotype machines for automatic quadding with Teletypesetter operation. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

OElectric Spacer — Paper cutting machine. Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.

OElectromatic — Diemakers' saws and printers' saw trimmers. J. A. Richards Co., 903 N. Pitcher St., Kalamazoo 60F, Mich.

OElectromatic Safety—Safety system on Linotype machines which automatically prevents shifting of magazines until all matrices are completely distributed. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

OElectro Sealer—Brazing machine for steel rule. J. A. Richards Co., 903 N. Pitcher St., Kalamazoo 60F, Mich.

Elles—Automatic stream feeder. Super Speed Printing Machinery, Inc., E. 65th and Euclid, Cleveland 3, O.

OElrod — Machine for producing leads, slugs, rule and base material in strips. Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill.

Elvacet—Bookbinding adhesives. E. I. du Pont de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.

Elvanol — Polyvinyl alcohol for stencil screens, etchings and molded printing plates and rollers. E. I. du Pont de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.

Elwell-Parker—Electric, gas and gas-electric industrial trucks, tractors and cranes. Elwell-Parker Electric Co., 4205 St. Clair Ave., Cleveland 3, O.

Embee—Folding machines. Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Embosograf—Machine, type and accessories. Embosses several colors in one operation. Embosograf Corp. of America, 38 W. 21st St., New York 10, N. Y.

Embossograph — Raised printing equipment, inks and compounds. Embossograph Process Co., 3720—14th Ave., Brooklyn 18, N. Y.

EMCO—Automatic roll wrapping machines for newspapers. L. C. Martin & Associates, 302 Crestwood Village, Northfield, Ill.

Empco—Proportioning rule. Empco Manufacturing Co., 929 Atlantic Ave., Atlantic City, N. J.

EMPCO Shutter—Camera and enlarger shutter. Electronic Mechanical Products Co., 929 Atlantic Ave., Atlantic City, N. J.

Empire—Cold top enamel. Eastern Graphic Arts Supply Co., Inc., 509 W. 56th St., New York 19, N. Y.

Empire—Flatbed special newsprint, magazine and photo news black ink. Empire Type Foundry, 55 N. Main St., Delevan, N. Y.

Enco—Pre-sensitized offset plates. Azoplate Corporation, 558 Central Ave., Murray Hill, N. J.

OE. N. S. Molder—Hard cork molding blanket. Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.

Epico—Printing ink and compound (reducing). General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Equipto—Steel shelving, lockers, trucks, tables and bins. Equipto, 401 S. Highland, Aurora, Ill.

Erie—Automatic lay-boy. Maxson Automatic Machinery Co., 98 Granite St., Westerly, R. I.

Essar—Light integrator. Unitronics. Div., Lanston Industries, Inc., G St. below Erie Ave., P. O. Box 7638, Philadelphia 34, Pa.

Essyew—Secondary color inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Etchorite—Offset plate etch. Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Etsco—Offset and photoengraving equipment and supplies. E. T. Sullebarger Co., 114 Liberty St., New York 6, N. Y.

OEureka—Photo-making machine. Wesel Mfg. Co., 1141 N. Washington Ave., Scranton 9, Pa.

Evabrite—Opaque and transparent front surface mirrors. Semon Bache & Co., 636 Greenwich St., New York 14, N. Y.

Evalast—Electroplated Copperback mirrors. Semon Bache & Co., 636 Greenwich St., New York 14, N. Y.

Eva-Press—Vulcanizing press for rubber plate making. American Evatype Corp., 749 Osterman Ave., Deerfield, Ill.

Ever Ready—Lever paper cutter and steel chases. Ever Ready Machinists, Inc., 137 W. 19th St., New York 11, N. Y.

Ever-Ready—Power spray guns for all types of presses. Press Filter Co., 848 N. Crescent Hts. Blvd., Los Angeles 46, Calif.

OEver-Ready Servicer—Electrically heated storage and heating mat boxes at scorcher temperature. Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.

OEveryday — Inks. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Ewald—Plunger cleaner and well brush for Linotype and Intertype machines. Plunger cleaner service wagon with dross drawer. L. Ewald Co., 7933 Gloria Ave., Van Nuys, Calif.

OEx-Static—Aerosol static eliminator. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

Excello—A bright red letterpress ink for general use. Braden Sutphin Ink Co., 3650 E. 93rd St., Cleveland 5, O.

Excelorite — Mechanical negative. Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Excelsior—A hand printing press. W. A. Kelsey Company, 45 Crown St., Meriden, Conn.

OExtra Hi-Speed—Rotary newspaper presses. Walter Scott & Co., Inc., 525 South Ave., Plainfield, N. J.

Extron—Non-porous synthetic rollers for letterpress and offset. The Moreland Corporation, York and Fitzwatertown Rds., Willow Grove, Pa.

F

Fabrikoid—Imitation leather. E. I. du Pont de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.

Facekote—Protective plastic coating for engraved plates. Atlantic Zinc Works, Div. Ball Bros. Co., Inc., 210 Van Brunt St., Brooklyn 31, N. Y.

OFace-O-Type—Device for screening type faces. Capital Tool & Mfg. Co., 5000 Calvert Rd., College Park, Md.

Fade-print—Process for making image prints on engravers' metal. Harold M. Pitman Co., 3239 S. 51st Ave., Cicero 50, Ill.

Falco—Inks and supplies. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Federated Process Metals—Metals for all printing purposes. Federated Metals Div., American Smelting & Refining Co., 120 Broadway, New York 5, N. Y. Branches: Newark, N. J.; Pittsburgh, Pa.; St. Louis, Mo.; San Francisco, Calif.; Houston, Tex.; Los Angeles, Calif.; Philadelphia, Pa.; Whiting, Ind.

Federoid—Hard ink solvent. James I. Peck, (Reg.) 47 High St., West Orange, N. J.

Ferguson—Roller gear drive. Ferguson Machine & Tool Co., Inc., P.O. Box 5841, St. Louis 21, Mo.

Fibrous Seasonal — Composition roller. Bingham Bros. Co., 406 Pearl St., New York 7, N. Y.

Figure 290—Ink handling system for news presses. Bowser, Inc., 1302 Creighton Ave., Ft. Wayne 2, Ind.

OFilm-Kleen—Solution for Cleaning film, glass, color filters and camera lenses. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

Filmotype—Letter-by-letter photographic type composing machine. Filmotype Corporation, 7500 McCormick Blvd., Skokie, Ill.

OFinaltrim—For trimming curved stereotype mats. Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.

Finger-touch—Lead and rule cutter. Craftsmen Machinery Co., 75 W. Dedham St., Boston 10, Mass.

Five Star—A stereotype mat. Rapid Electrotype Co., McMicken and Race Sts., Cincinnati 14, O.

Flanol—Seamless offset dampener roller undercover. Jomac, Incorporated, 6128 N. Woodstock St., Philadelphia 38, Pa.

OFlash—Black ink. Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

Flashdri—Quick drying inks including heating apparatus. Fred'k H. Levey & Co., Inc., Printing Ink Div., 380 Madison Ave., New York 17, N. Y.

Flashdrier — High speed drying equipment for multicolor printing. Fred'k H. Levey & Co., Inc., Machinery Div., 4901 Grays Ave., Philadelphia 43, Pa.

OFlash Ink — Colors. Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

OFlecto—Gummed mat backing felt Eastern Newspaper Supply Inc., 9603 Northern Blvd., Corona, 68, N. Y.

Flex-Back—Cold adhesive for gluing-off books and padding tablets. National Adhesives Div., National Starch Products Inc., 270 Madison Ave., New York 16, N. Y.

Flexbond — Padding Compound. Merrit Products Co., 1747 Chester Ave., Cleveland 14, O.

OFlexichrome—A process for converting black and white picture copy into color copy ready for color separation in the camera. Eastman Kodak Co., 343 State St., Rochester 11, N. Y.

Flexitol—Rollers for color printing. Godfrey Roller Co., 211 N. Camac St., Philadelphia 7, Pa.

Flexmaster—Sheet fed flexographic press. E. L. Harley, Inc., 8701 Third Ave., Brooklyn 9, N. Y.

Flexo — Flexible padding glue. American Roller Co., 1342 N. Halsted St., Chicago 22, Ill.

Flexo—Stereotype metal for color printing. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

Flex-O-Coil — Process binding. Sloves Mechanical Binding Corp., 225 Varick St., New York 13, N. Y.

OFlexocraft—Natural or synthetic rollers for flexographic presses. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

OFlex-O-Felt—Gummed mat packing felt. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

Flexo Fine—Flexographic ink. General Printing Ink Co., Div. of Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

OFlexogem—Flexographic inks. Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Flexogloss—Flexographic ink. General Printing Ink Co., Div. of Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Flexosheen — Flexographic ink. General Printing Ink Co., Div. of Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

OFlexotuf—Flexographic inks. Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Flextite — Flexible die stamping ink. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

Flinker—Divider for ink fountains. Printing Machinery Co., 436 Commercial Sq., Cincinnati 2, O.

Flintex—Halftone black ink. Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

Flint-Flex—Flexographic or aniline inks. Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

Flintglo—Process and offset inks. Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

Flintspray—Anti-offset spray solution. Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

Flip-Top—Vacuum self-contained platemaker with built-in light source. nuArc Company, Inc., 4110 W. Grand Ave., Chicago 51, Ill.

Floored Iron—Furniture for box plants. Challenge Machinery Co., 19 N. First St., Grand Haven, Mich.

FloorMaster — Industrial floor trucks. Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.

Flux Stanlite—Type metal flux. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

Force-Typographs—Automatic typographical, over type high and type high numbering machines, paging chains, rotary numbering heads, sales books, top and bottom plunger, typographic numbering machines. Daters. Wm. A. Force & Co., 216 Nichols Ave., Brooklyn 8, N. Y.

Form File—Hydraulic page and galley storage elevator. Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.

Form-King—Automatic tipping and collating machine. Farrington Business Machine Corp., Industrial Park, New Bedford, Mass.

Form-Liner — For form line up. Craftsman Line-Up Table Corp., 49 River St., Waltham 54, Mass.

Form-on—Paper bookbinding tape. Mid-States Div., Minnesota Mining & Mfg. Co., 6850 S. Harlem Ave., Bedford Park, Ill.

Form-O-Scorch — Matrix driers. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

Form-O-Stock—Form lift and storage. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

Fotochrome—Ink for duplicating results color photography. Bowers Printing Ink Co., 2655 W. Irving Park Rd., Chicago 18, Ill.

Fotomaster—Camera for reproportioning type reproduction proofs for making photostats and for straight camera work. Modi-Graphic, Incorporated, 215 E. Ninth St., Cincinnati 2, O.

Fotomat—Character bearing element for photographic line typesetting machine. Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 1, N. Y.

Foto-Riter — Photolettering machine. Foto-Riter Company, 63 S. 13th St., Minneapolis 3, Minn.

Fotosetter—Photographic line-composing machine. Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 1, N. Y.

Fototone Mat—For halftone reproductions, hot or cold molding. Certified Dry Mat Corp., 555 Fifth Ave., New York 17, N. Y.

Foto-Tape — Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.

Fototype—Cardboard alphabets for offset-lith reproduction. Fototype Co., 1414 W. Roscoe St., Chicago 13, Ill.

Foundation — Synthetic oil-proof blanket. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

Frankcolene — Cleaning fluid. Franklin Printers Supply Co., 608 Cherry St., Philadelphia 6, Pa.

Franklin—Printing catalog. Guide to printers' costs. Porte Publishing Co., 952 E. 21st St., South, Salt Lake City 6, Utah.

Freon—Film cleaner. E. I. du Pont de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.

Friction Fighter — Ball and roller bearings. Link-Belt Co., Prudential Plaza, Chicago 1, Ill.

Fuchs & Lang — Printing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Furnival—English-made paper cutters in sizes from 35 in. to 120 in. Central States Printing Equipment Co., 1330 Deloss St., Indianapolis 3, Ind.

Fuzon—Gummed stereotype packing felt. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

G

Gaco — Photoengravers' resist. Jones Graphic Products Co., 320 Broadway, S. E., Albuquerque, N. M., and Graphic Arts Corp. of Ohio, 110 Ottawa St., S. E., Toledo, O.

Gather-all—Signature and sheet collators. Didde-Glaser, Incorporated, 50 Hgwy. and W. 12th Ave., Emporia, Kan.

G.B.C.—Loose leaf metal bindings. General Binding Corp., 1101 Skokie Hwy., Northbrook, Ill.

G-E—Fluorescent lights. General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.

G-E—Printing machinery motors, controls, heating units and metal-melting systems, timers, transformers, cables, wire, switch gear and register control systems. General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.

Gelastic—Rollers for letter and offset presses. Vulcan Rubber Products, Inc., First Ave. & 58th St., Brooklyn 20, N. Y.

Gelatine — Gelatin filters, color separators, color correction and colored sheets. Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y.

Gelb — Lineup tables, photomechanical lamps, color separation reproducer. Joseph Gelb Co., 52 Arlington St., Newark 2, N. J.

Gem—Special metal for use in electric etching machine. General Plate Makers Supply Co., 5441-55 N. Kedzie Ave., Chicago 25, Ill.

Gemtone—Fast-drying silk screen poster inks. Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

General—Electric etching machine. General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.

General—Screen process printing press. General Research & Supply Co., 572 S. Division Ave., Grand Rapids 3, Mich.

Genie — Screen process printing press. Lawson Printing Machine Co., 4453 Olive St., St. Louis, Mo.

Georgian-Silver — Inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Giant—Machine for casting type, quads, spaces and furniture (for spacing and to serve as base for mounting cuts) in all sizes from 14 to 72 pt. Lanston Monotype Co., Div. Lanston Industries, Inc., P.O. Box 4768, Philadelphia 34, Pa.

Gilbertville—Roll cutting machine. Paper Converting Machine Co., 2300 S. Ashland Ave., Green Bay, Wis.

Glas-print — Process, negative to positive, or vice versa, on glass, by contact. Harold M. Pitman Co., 3239 S. 51st Ave., Cicero 50, Ill.

Glazcote — Ink conditioner for scratchproof finish. Central Compounding Co., 1718 N. Damen Ave., Chicago 47, Ill.

Glaze-off—Solvent for removing glaze from offset press blankets. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

Glider—Camera for Graphic Arts reproduction work. W. A. Langford Co., 10114 S. Crandon Ave., Chicago 17, Ill.

Glider Trim-O-Saw — Composing room saw-trimmer. Hammond Machinery Builders, Inc., 1603 Douglas Ave., Kalamazoo 54, Mich.

Globe—Numbering machines and numbering devices. Ameurope, Incorporated, 1199 Broadway, New York 1, N. Y.

Glo-Brite—Inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Glo-Ray—Gloss inks. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Glostone—High-gloss printing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Gluemaster—Gluing machine. Kenneth J. Moore & Co., 1778 W. Estes Ave., Chicago 26, Ill.

Godfrey — Printers' composition rollers, rubber rollers. Godfrey Roller Co., 211 North Camac St., Philadelphia 7, Pa.

Goedite Graphic Roller — Fabric covered graphic non-meltable feed roller for use on newspaper, corrugated box, steel die engraving presses requiring washups frequently. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

Goerz Red Dot Artar—Photo-lens for photoengravers and lithographers. Goerz, C. P., American Optical Co., 461 Doughty Blvd., Inwood 96, N. Y.

Go-Getter—Electric lift truck. Revolvator Company, Tonnele Ave., North Bergen, N. J.

Gold—Tympan drawsheet, 0.012 in. gauge, skivered surface. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

Golden Arrow—Bronzing machine. Kidder Press Co., Inc., Dover, N. H.

Goldsheen—Metallic inks. General Printing Ink Co., Div., Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Golveneer—Inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Goodrich—Offset rollers. B. F. Goodrich Industrial Products Co., Akron 18, O. (Niles & Nelson, Inc., 75 West St., New York 6, N. Y., exclusive distributors.)

Goodrich—Printers' rollers. Niles & Nelson, 75 West St., New York 6, N. Y.

Goodrich—Relief printing materials; engraving rubber; unvulcanized printing rubbers for molded rubber plates; sponge rubber; adhesive fabrics and rubber cements for bonding rubber plates to wood mount or metal saddles. B. F. Goodrich Industrial Products Co., 500 S. Main St., Akron 18, O.

Goodyear—Black synthetic face felt, synthetic intermediate, high speed red top under blankets for newspaper presses. Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.

Go Prene—Synthetic rubber rollers, litho and offset. Godfrey Roller Co., 211 North Camac St., Philadelphia 7, Pa.

Goss — Flatbed web, newspaper, magazine, color and rotogravure presses. Stereotype equipment. The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

Goss-Gravure—Roll feed rotogravure press. The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

Goss-Speedry—Rotogravure press. The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

Goss-Reel-Tension-Paster — Automatic web splicing device. The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

G-P (General Purpose) — Typographical numbering machines. Wm. A. Force & Co., 216 Nicholas Ave., Brooklyn 8, N. Y.

GPI—Printing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Graeber—Stringer and knotter for stringing booklets. Shipping and merchandise tags. Graeber Stringing & Wiring Machine Co., 375 Eleventh Ave., Paterson 4, N. J.

Grafarc—Arc lamps for photoengraving offset and silk screen. The Strong Electric Corp., 87 City Park Ave., Toledo 1, O.

Grafa-Tone Screen—Special design photoengraving screen. Graphic Photo Engraving Co., Inc., 207 W. 25th St., New York 1, N. Y.

Graham—Variable speed transmission. Graham Transmissions Inc., Menomonee Falls, Wis.

Graph — Black negative opaque. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

Graph-Air—Graphite gun lubricator for line-casting machines. Joseph Dixon Crucible Co., 167 Wayne St., Jersey City 3, N. J.

Graphic Rollers, Ideal—Non-meltable glue and glycerine rollers. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

Graphotype—Type embossing machines. Addressograph-Multigraph Corporation, 1200 Babbitt Rd., Cleveland 17, O.

Graton — Direct pressure and transfer stereotype mat. Wood Flong Corp., Hoosick Falls, N. Y.

Graytone — Lithographic rollers. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

Green Cor — Kraft and colored kraft gummed tapes, gummed Hollands, gummed cloth and gummed sisal tapes. Mid-States Gummed Paper Co., 6850 S. Harlem Ave., Bedford Park, Ill.

Green Seal — Pastes and glues. Green's Paste Works, 200 Liverpool Rd., Liverpool, N. Y.

Griptite—A label adhesive. Paisley Products, Inc., 1770 Canalport Ave., Chicago 16, Ill.

Griptite—A stereotype prepared packing felt. United Stereotype Supply Corp., P. O. Box 38, W. Lynn, Mass.

Griptite — Autoplate drive belt. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

Grob—Band sawing machine. Harold M. Pitman Co., 3239 S. 51st Ave., Cicero 50, Ill.

Groton—Treated tympan paper. Hollingsworth & Vose Co., East Walpole, Mass.

G-W—Pneumatic lowering machine for handling newsprint rolls. Gifford-Wood Co., One Hudson Ave., Hudson, N. Y.

H

Hadego — Phototypesetting machine. Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.

Haida — Aniline presses. Special machines for making carbon paper, inked ribbons and foil. Coloring and laminating, gumming and varnishing. Hot wax spot carbonizer. Haida Engineering Co., 34-11 Vernon Blvd., Long Island City 6, N. Y.

Halm Jet Press—Card and envelope printing press. Halm Instrument Co., Inc., Glen Head Rd., Glen Head, L. I., N. Y.

Hamilton—Composing room equipment, wood type, poster boards, form lockup furniture, backing lumber and engraving woods. Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.

Hamilton—Rotary printing presses, slitters, perforators, punches, etc. Stereotype casting boxes. The Hamilton Tool Co., Ninth and Hanover, Hamilton, O.

Hammer — Photographic film for photomechanical reproduction processes, photographic dry plates. Consolidated - Hammer Dry Plate & Film Co., 1112 N. Homan Ave., Chicago 51, Ill.

Hammond—Composing room saw trimmers and stereotype flat casting boxes, routers and shavers. Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.

H & V Jute Tympan — Treated tympan paper. Hollingsworth & Vose Co., East Walpole, Mass.

Handy—Newspaper files. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

Handy-Oil—For lubricating numbering machines. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

Hardshell—Halftone inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Hard-Tex—Metal decorating inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Hardtop—Non-rubbing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Harris—Offset platemaking chemicals. Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 1449 Industrial Park St., Covina, Calif.

○**Harris Key Register System**—A system of registering sheets on offset press. Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.

Harvest—Yellow offset ink. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Has-el-ite—Plastic base for mounting rubber plates. Lockwood Company, 125 N. Fifth St., Atchison, Kan.

○**HCM**—Offset and cylinder letterpresses. HCM Corporation, 80 Varick St., New York 13, N. Y.

Headliner—Photolettering machine. Vari-Typer Corporation, 720 Frelinghuysen Ave., Newark 5, N. J.

○**Headliner Mark I** — Newspaper printing press; prints up to 60,000 p.p.h. Goss Company, The, Div. Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

○**Headliner Mark II** — Newspaper printing press; prints up to 70,000 p.p.h. Goss Company, The, Div. Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

○**Heavy Duty 40** — Paper cutter. Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.

HECTOmasterGRAPH—Hectograph master copy sets. General Manifold & Printing Co., Franklin, Pa.

○**Heidelberg**—Platen and cylinder presses. Heidelberg Automatic presses. (See Manufacturers' Index).

Heinz—Portable, 12-station, manually operated collating machine. A. P. Heinz Co., 2422 Lunt Ave., Chicago 45, Ill.

Hempel—Quoins and quoin keys. H. A. Hempel, 586 Tonawanda St., Buffalo 7, N. Y.

○**Henderson Cylinder Etching Equipment**—Integrated equipment for photoprinting and etching gravure and typographic cylinders. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

○**Henderson Intaglio Halftone Process**—A process for producing dot images suitable for gravure printing, similar to "invert" halftone. American Type Founders Inc., 200 Elmora Ave., Elizabeth, N. J.

Herrick — Inks. Halftone blacks, non-scratch blacks, dull blacks, process colors, process web-printing colors. William C. Herrick Ink Co., Inc., One Maple St., East Rutherford, N. J.

○**Hess & Barker**—Two, three or four color roll feed rotary press with hydraulic rewind. Electrotyping and stereotype finishing machines. Color plate register system. Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa.

Hidensity — Deep etch sensitive coating. Lithoplate, Incorporated, Sub. of Harris-Intertype Corp., 1449 Industrial Park St., Covina, Calif.

High-Speed—Drawsheet for newspaper presses. Goodyear Tire & Rubber Co., 1144 E. Market St., Akron 16, O.

Higravity — Deep etch sensitive coating. Lithoplate, Incorporated, Sub. of Harris-Intertype Corp., 1449 Industrial Park St., Covina, Calif.

○**Hill Plastex**—Direct pressure mat for black and white and also ROP color reproduction. Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

○**Hi-Lo**—Stereotype chase. Chesley F. Carlson Co., 2240 Edgewood Ave., Minneapolis 26, Minn.

○**Hi-quality**—Steel stereotype molding sheet. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

○**Hi-Speed**—Paper base strip film. Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

○**Hi-Speed**—Quoins. Challenge Machinery Co., 19 N. First St., Grand Haven, Mich.

Hi-Transfer—Lithographic printing inks. Bowers Printing Ink Co., 2655 W. Irving Park Rd., Chicago 18, Ill.

Hobbs—Die cutting press. Hobbs Mfg. Co., 26 Salisbury St., Worcester 5, Mass.

○**Hoe**—Newspaper, magazine, multicolor, rotogravure, metal decorating, and offset presses. Stereotype machinery. R. Hoe & Co., Inc., 910 E. 138th St., New York 54, N. Y.

○**Hoe Super-Production Magazine and Rotogravure Presses** — R. Hoe & Co., Inc., 910 E. 138th St., New York 54, N. Y.

○**Hoerner**—Type-high machine, type-high plane and shuteboard with attachment for beveling plates for use on patent bases. Challenge Machinery Co., 19 N. First St., Grand Haven, Mich.

Holdfast—Liquid drier. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

○**Holdfast**—Non-scratch ink. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Holdfast—Paper hangers for conditioning paper. Southworth Machine Co., 30 Warren Ave., Portland 5, Me.

Hold-Fast — Grippers, auxiliary fingers and extensions for letterpress printing presses. Chester L. Lance Co., 620 Browder St., Dallas 1, Tex.

Honeycomb — Original Blatchford honey comb base for plate mounting and registering. National Lead Co., 111 Broadway, New York 6, N. Y.

○**Honig**—Rule and slug cutter. Universal Mono-Tabular Corp., 706 Olive St., Dallas 1, Tex.

Horizontal — Medium size two-revolution flatbed press. Miehle Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

○**Hot Melt**—Equipment for coating paper and similar substances with thermoplastic material for protection and better wearing qualities. Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.

Hot Spot Carbonizer — J. Curry Mendes Corp., 1 Curry Lane, Canton, Mass.

H. S. — Roller for newspapers. Dayton Rubber Co., 2380 Riverview Ave., Dayton 7, O.

○**HS**—Symbolic abbreviation of firm name. Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.

Humiset—Moisture set ink. Hill-Hentschel Company, 3928 Clayton Ave., St. Louis 10, Mo.

Hunt—Chemicals for photoengraving and offset platemaking. Philip A. Hunt Co., Palisades Park, N. J.

Hurletron—Electronic color register equipment for gravure, offset and letterpress web presses; printing press drives and controls. Electric Eye Equipment Co., Div. of Hurletron Corporation, 1938 East Fairchild St., Danville, Ill.

○**Hydraquadder**—Hydraulic quadder for Linotypes. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Hydraulic — Lift truck, handlift and foot-lift operation. Lewis-Shepard Sales Corp., 125 Walnut St., Watertown 72, Mass.

Hydrill—Automatic single spindle drill. Super Speed Printing Machinery, Inc., E. 65th and Euclid, Cleveland 3, O.

Hydro—Corner cutter. Super Speed Printing Machinery, Inc., E. 65th and Euclid, Cleveland 3, O.

Hydro—Oil inks to approximate water color inks. Triangle Ink & Color Co., 329 E. 29th St., New York 17, N. Y.

○**HydroCaster** — Hydraulic electrotype plate caster. Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.

Hydro-Etch—Used either as offset plate or fountain etch. Lithoplate, Incorporated, Sub. of Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.

Hydrogum—For gumming up offset press plates or in fountain solutions. Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.

Hydrolectric—Electric powered lift trucks. Lift Trucks, Inc., 2425 Spring Grove Ave., Cincinnati 14, O.

Hydry—Steam-set inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Hyklas—Transfer paper. J. H. & G. B. Siebold, Inc., 150 Varick St., New York 13, N. Y.

Hyklass—Equipment and supplies for offset lithography. J. H. & G. B. Siebold, Inc., 150 Varick St., New York 13, N. Y.

○**Hypothiolate**—Wetting agent for ink makers only. Central Compounding Co., 1718 N. Damen Ave., Chicago 47, Ill.

Hypromatic—Rotary and flat-bed presses for offset, dry offset, aniline, rotogravure printing. Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill.

Hypro-slit—Slitters and rewinders. Young Engineering Co., 2435 N Sheffield Ave., Chicago 14, Ill.

○**Hyroto**—Color rotogravure presses, coating and laminating machines, waxing machines. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

Hytin—For maintaining type metal at formula. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

I

Ideal—An endless saw belt for Junior Autoplate machine. United Stereotype Supply Corp., P.O. Box 38, W. Lynn, Mass.

Ideal—Box stitchers. Dexter Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

Ideal—Circular saws. John Royle & Sons, 10 Essex St., Paterson 3, N. J.

○**Ideal**—Curved plate routing and matrix rolling machines. Walter Scott & Co., Inc., 525 South Ave., Plainfield, N. J.

○**Ideal**—Form trucks. H. B. Rouse & Co., 2214 N. Wayne Ave., Chicago 14, Ill.

Ideal—Red fiber and bakelite molding board. Coyne & Paddock, Inc., 40-09 21st St., Long Island City 1, N. Y.

Ideal Best-Test—Dispensers. Union Rubber & Asbestos Co., 232 Allen St., Trenton, N. J.

○**Ideal Rollers**—Vulcanized oil rollers for typographic distributors, proof, photoengravers, hand rollers and lithographic press rollers. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

Illinois—Zinc offset plates. Illinois Zinc Co., 2959 W. 47th St., Chicago 32, Ill.

○**Imperial**—Line and typesetting machine metal, stereotype and electrotype metal. Imperial Type Metal Co., 1800 S. 54th Ave., Chicago 50, Ill.; 3400 Aramingo Ave., Philadelphia 34, Pa.

○**Imperial**—Polished zinc plates for photoengraving. Imperial Type Metal Co., 1800 S. 54th Ave., Chicago 50, Ill.; 3400 Aramingo Ave., Philadelphia 34, Pa.

○**Imperial** — Stereotype molding creeper. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

Imperial—Water fountain solution concentrate. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

○**Impresstomat**—Cold molding mat for color, job, magazine work. Certified Dry Mat Corp., 555 Fifth Ave., New York 17, N. Y.

○**Improved Satisfaction**—Drawsheet 0.024 in. gauge. Coated with Cavalprene on a fabric that has been impregnated with Neoprene. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

Impsco—Humidifier. Abbeon Supply Co., 179-15 Jamaica Ave., Jamaica 32, N. Y.

Inc-O-Ink — Printing and lithographing inks. The Inco Company, 2372 W. Seventh St., Cleveland 13, O.

Inc-O-Lin — Reducer. The Inco Company, 2372 W. Seventh St., Cleveland 13, O.

Inco-Solvent — Type cleaner and roller wash. The Inco Company, 2372 W. Seventh St., Cleveland 13, O.

Inc-O-Wax — Wax compound for process inks. The Inco Company, 2372 W. Seventh St., Cleveland 13, O.

Indian—Remelt furnace, continuous operation. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

Indian Head Copper — Copper plates for photoengraving. Atlantic Zinc Works, Div. Ball Bros. Co., Inc., and Rolled Plate Metal Co., 210 Van Brunt St., Brooklyn 31, N. Y.

Industron — Stereotype electronic mat preshrinker. Industron Corporation, 55 Needham St., Newton Highlands 61, Mass.

Infrabeam — Photoelectric control using modulated infrared radiation. Cramer Controls Corp., 100 Saybrook Rd., Centerbrook, Conn.

Ink-Dri—Additive which speeds drying of offset ink. Litho Chemical & Supplying Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

○**Inkmaster**—Typograph vulcanized oil distributors. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

○**Inkote**—Prevents skinning of ink. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

○**Insta-Lith**—Offset ink. Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

Insurance Policy Black — Bond printing ink. Fred'k H. Levey Co., Inc., Printing Ink Div., 380 Madison Ave., New York 17, N. Y.

○**In-tag**—Intaglio or gravure inks, overprint lacquer. In-tag Div., Interchemical Corp., 67 W. 44th St., New York 36, N. Y.

International — Halftone screens. Moore Laboratories, 70 W. Montcalm Ave., Detroit 1, Mich.

○**Intertype** — Linecasting machines. Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 1, N. Y.

Invis-O—Process binding. Sloves Mechanical Binding Co., 601 W. 26th St., New York 13, N. Y.

Ionostat—Instrument for determining existence of static and for measuring the degree. United States Radium Corp., Morristown, N. J.

Ionotron Static Eliminator—Static eliminating device for printing machinery. United States Radium Corp., Morristown, N. J.

○**IPI**—Typographic and offset inks. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

○**IRC**—Printing rollers. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

Iron Fireman — Automatic coal burners for metal furnaces. Iron Fireman Mfg. Co., 3170 W. 106th St., Cleveland 11, O.

Ironsides—Tympan paper. Cromwell Paper Co., 4801 Whipple St., Chicago 32, Ill.

I. S. — Jogging machine. Ilya Scheinker, 35 Great Jones St., New York 12, N. Y.

Isolith—Offset press with refrigerated cylinder. Miehle Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

J

JPS—Ball bearing pillow blocks. Link-Belt Co., Prudential Plaza, Chicago 1, Ill.

Jack Lift — Multiple stroke mechanical lift trucks. Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.

Jacques—Slitter and rewinder and hand and power shears. Hobbs Mfg. Co., 26 Salisbury St., Worcester 5, Mass.

○**Jampol** — Conveyors, drops and tables. Jampol Corporation, 728—61st St., Brooklyn 20, N. Y.

JCM — One-time carbon binding machine and collating machines. J. Curry Mendes Corp., New Bedford Industrial Park, New Bedford, Mass.

Jellitac—Wheat paste. Arthur S. Hoyt Co., Inc., 20 Jerusalem Ave., Hicksville, L. I., N. Y.

○**Jet-Grease**—Aerosol lubricant. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

Jet 20—Perforating machine. F. P. Rosback Co., 225 Fifth St., Benton Harbor, Mich.

JGP—Deep-etch chemicals. Jones Graphic Products Co., 320 Broadway, S.E., Albuquerque, N. M.

Jiffy — Padding press. Gibson Specialties, 6333 S. Ashland Ave., Chicago 36, Ill.

Jiffy — Surface plate developing ink. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

JogAway—Paper jogging machine. The M. L. Abrams Co., 1841 Prospect Ave., Cleveland 15, O.

Johnson—Padding compound and glue. Wm. R. Johnson Co., Inc., 3131 Western Ave., Seattle 1, Wash.

Johnson Perfection — Gas burner sheet heater. J. E. Doyle Co., 1220 W. 6th St., Cleveland 13, O.

Jomac — Offset dampener roller cleaner and dryer; roller coater. Jomac, Incorporated, 6128 N. Woodstock St., Philadelphia 38, Pa.

○**Jones**—Automatic press web tension governor. Walter Scott & Co., Inc., 525 South Ave., Plainfield, N. J.

Jordan Feeder—Feeds metal into line and typesetting machines and lead and rule casters on continuous chain. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

Jubilee — Etching machine. Axel Holmstrom Etching Machines, 2555 Carpenter St., Philadelphia 46, Pa.

Junior — Lead and rule cutter. Craftsmen Machinery Co., 75 W. Dedham St., Boston 10, Mass.

Junior and Senior — Stereotype matrix sealing tape moistener. United Stereotype Supply Corp., P. O. Box 38, W. Lynn, Mass.

Justowriter—Machine for typing copy for photo-offset reproduction from a strip of perforated tape. Friden, Incorporated, San Leandro, Calif.

Justrite — Non-explosive safety benzine cans, and oily waste cans. Justrite Mfg. Co., 2061 Southport Ave., Chicago 14, Ill.

K

K & B—Box, carton, package and paper finishing machinery. M. D. Knowlton & Co., 28 Industrial St., Rochester 14, N. Y.

Kast—Collating and gathering machine. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

Keese-Seal—Printing and embossing press. Durbrow & Hearne, Inc., 12 Wooster St., New York 13, N. Y.

Kelly — Printing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Kelly Kurve—Oiled and unoiled tympan paper for all job cylinder and other presses. Triplet Gauge, 14 Vandewater St., New York 38, N. Y.

Kelsey—Small hand and motor operated platen presses. W. A. Kelsey Co., 45 Crown St., Meriden, Conn.

Kem-Lon—Wipe-on surface plate chemicals. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

Kemp—Immersion melting system for stereotyping. C. M. Kemp Mfg. Co., 405 E. Oliver St., Baltimore 2, Md.

Kem-Screen—Process enamel inks. The Sherwin-Williams Co., Graphic Arts Div., 101 Prospect Ave., N. W., Cleveland 1, O.

○**Kenro** — Graphic Arts, process, photocopy, and lateral reverse cameras. Kenro Graphics, Inc., Horsehill Rd., Cedar Knolls, N. J.

Kensol—Gold stamping and embossing press. OlsenMark Corporation, 124 White St., New York 13, N. Y.

Kidde—Fire prevention and burglar alarm equipment. Walter Kidde & Co., Inc., 657 Main St., Belleville 9, N. J.

Kidder—Straight and interchangeable cylinder rotary letterpress rubber plate presses. Kidder Press Co., 121 Broadway, Dover, N. H.

King—Press. The Kelsey Co., 45 Crown St., Meriden, Conn.

KleanKarbon—Carbon papers. General Manifold & Printing Co., Franklin, Pa.

○**Klean Quick**—Press washup compound. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Kleen Cut—Rubber and linoleum mounting blocks, cutter sticks, reglets and furniture, cherry and basswood mounting blocking. Irwin Manufacturing Co., Inc., Main St., Garland, Pa.

Kleen-Stik—An all-over gummed stock. Kleen-Stik Products, Inc., 7300 W. Wilson Ave., Chicago, Ill.

○**Kleenweil** — Cleaner for matrices. Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.

Kluge—Automatic feeder and automatic platen press. Brandtjen and Kluge, Inc., 653 Gaultier, St. Paul 3, Minn.

Kni—Offset plate wax to sharpen and increase life of offset plates. Bowers Printing Ink Co., 2655 W. Irving Park Blvd., Chicago 18, Ill.

Knoxall — Press blankets, roller covering. Edward H. Best & Co., P.O. Box 1752, Boston 5, Mass.

○**Kodachrome**—Direct color photographic film for making process plates. Eastman Kodak Co., 343 State St., Rochester 4, N. Y.

○**Kodagraph** — Films and plates. Eastman Kodak Co., 343 State St., Rochester 4, N. Y.

○**Kodalith** — Transparent stripping film. Eastman Kodak Co., 343 State St., Rochester 4, N. Y.

Kohler — System for magazine reels, web tension, flying pasters, transfer table, paper roll dollies and track, splicing compound, unwinding stands, rewinding stands. Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.

○**Kopreote**—Hot top enamel. Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

○**Kopr-Matic** — Powderless copper etching machine. Chemco Photoproducts Co., Inc., Glen Cove, N. Y.

○**Kopr-Top**—Hot top enamel. Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

Korfund Vibration Isolators—For isolating stationary machinery against vibration and noise. Korfund Co., Inc., 48-15 32nd Pl., Long Island City 1, N. Y.

○**Korker**—Firm underpacking blanket for rotary newspaper presses. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

Koroseal—Plastic. B. F. Goodrich Industrial Products Co., 500 S. Main St., Akron 18, O.

○**Kotavachrome Professional Prints**—Made from Kodachrome professional film transparencies. Eastman Kodak Co., 343 State St., Rochester 4, N. Y.

Krause — Round corner cutters. Altair Machinery Corp., 55 Vandam St., New York 13, N. Y.

Kreonite—Fibre glass sinks and trays for platemakers. Kreonite, Incorporated, 1532 Barwise, Wichita 4, Kan.

Kromo-Lite—A process for treating copy for automatically dropping out highlights from wash drawings in photoengraving and offset halftone negatives. Eastern Graphic Arts Supply Co., Inc., 509 W. 56th St., New York 19, N. Y.

Kuvaroll—Seamless cloth covered rollers. Wm. C. Hart Co., 137 Greene St., New York 12, N. Y.

Kwic-Klean—Matrix reference rubber. Joseph Dixon Crucible Co., 167 Wayne St., Jersey City 3, N. J.

○**Kwikplate** — Vacuum printing frame for use with pre-sensitized plates. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Kwikprint — Foil stamping machine. Altair Machinery Corp., 55 Vandam St., New York 13, N. Y.

L

Lacey-Luci—Camera for making line and halftone negatives, silk screen positives, photo copies and burning-in paper, plastic and aluminum offset plates. Lacey-Luci Products Co., 31 Central Ave., Newark 2, N. J.

Lake Erie Acraplates — Molded rubber printing plates and resinous matrices. Lake Erie Machinery Corp., P.O. Box 68, Kenmore Sta., Buffalo 17, N. Y.

Lamson—Ink and overlay knives, makeready knives. Lamson & Goodnow Mfg Co., Shelburne Falls, Mass.

○**Langitex 9000** — Cork molders. American Publishers Supply Inc., P.O. Box 421, Lynnfield, Mass.

○**Lanston** — Typecasting machines, photocomposing machines, engraving, offset, gravure and silk screen machines and equipment. Lanston Monotype Co., Div. Lanston Industries, Inc., P. O. Box 4768, Philadelphia 34, Pa.

○**Lanston M-H**—Vertical step and repeat machine. Lanston Monotype Co., Div. Lanston Industries. Inc., P. O. Box 4768, Philadelphia 34, Pa.

Latham Monitor—Wire stitching machines. Bostitch, Inc., East Greenwich, R. I.

Laureate—Platen printing presses. Thomson-National Press Co., Dean Ave., Franklin, Mass.

Lawson—Power driven silk screen press. Lawson Printing Machine Co., 4453 Olive St., St. Louis 8, Mo.

Lawson—Autospacer cutters, feed trimmers, book trimmers, grinding machines, paper cutters, mill trimmers, paper drills and slotters. The Lawson Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

○**Leader**—Cork molders. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

○**Leak-Proof**—Ink fountain divider. Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.

Leedal — Stainless steel sinks, trays, tables and cabinets for Graphic Arts use. Leedal, Incorporated, 2929 S. Halsted St., Chicago 8, Ill.

○**Legibility Group**—A group of type faces designed for extra legibility for use in publication work. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

○**Lens-O-Matic**—Automatic halftone exposure control which automatically and gradually closes a diaphragm blending the various tones, highlight, middletone and shadows. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Leslie—Paper conditioner. Tompkins Printing Equipment Co., 712 S. Clark St., Chicago 5, Ill.

Levelators — Hydraulic lift for elimination of ramps and for use where vertical movement is required. Rotary Lift Co., Div. Dover Corp., 1054 Kansas St., Memphis 2, Tenn.

○**Lever**—Numbering machines. Wm. A. Force & Co., 216 Nichols Ave., Brooklyn 8, N. Y.

Levey—Bi-metal and tri-metal plates, chemicals, driers, web offset and rubber plate presses. Fred'k H. Levey Co., Inc., Machinery Div., 4901 Grays Ave., Philadelphia 43, Pa.

Levey—Stainless steel offset plates. Fred'k H. Levey Co., Inc., Machinery Div., 4901 Grays Ave., Philadelphia 43, Pa.

Levy—Screens for photoengraving, offset and rotogravure. Max Levy & Co., Wayne Ave. & Berkley St., Philadelphia 44, Pa.

Lewis—Etching press for making etching reproductions. Embosograf Corp. of America, 38 W. 21st St., New York 10, N. Y.

Lexide—Cover material. Latex Fiber Industries, Inc., Beaver Falls, N. Y.

Light Aligner—Device aiding lineup work. Hamilton Mfg. Co., 1316—18th St., Two Rivers, Wis.

Limited—Mechanical binding. General Binding Corp., 1101 Skokie Hwy., Northbrook, Ill.

Lightning—Dryer compound. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Lightning Set—Compound. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Lindol—Tricresyl, phosphate plasticizer, ingredient for high pressure lubricants, ingredients for coating fabrics and papers. Celanese Corp., 180 Madison Ave., New York 16, N. Y.

LineR-Grips — Striplike material for locking in forms between type and chase. C. R. Greene Printing Co., 115 N. Fourth St., Tipp City 1, O.

○**Link-Belt** — Conveying, elevating and power transmission chains and machinery. Link-Belt Co., Prudential Plaza, Chicago 1, Ill.

○**Linofilm** — Photocomposition system. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

○**Linofilm Composer**—Display type film photocomposing machine. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

○**Lineolamp**—Fluorescent lamp for linecasting machine operators. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

○**Linolite**—Linolite magazine. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Linopress—Imprinting press. The Deskfinder Company, P.O. Box 377, Costa Mesa 1, Calif.

Lino-Saw — Saw attachment for linecasting machines. Mohr Lino-Saw Co., 8015 N. Ridgeway Ave., Skokie, Ill.

Lino-Slug—Routers which decrease the height of non-printing parts of slugs when they take ink from rollers and cause smear on paper. Margach Manufacturing Co., Inc., 47 Wooster St., New York 13, N. Y.

○**Lino-Therm** — Tubular immersion type Linotype electric metal pot heaters. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Linotape Dri-Stain Process—Process for making linecomposing machine matrix reference characters easily readable. Dri-Stain Products Co., 3421 Colfax Ave. A, Denver 6, Colo.

○**Linotronic Control** — Electronic metal temperature control for Linotype. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

○**Linotype** — Linecasting machine. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

○**Lite-Base**—Precision base. Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.

Lithalum—Metallic finish inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Lithengrave — Offset plate (bimetal). Printing Developments, Inc., Sub. of Time, Inc., Time & Life Building, Rockefeller Center, New York 20, N. Y.

Lith-Kem-Ko — Deep-etch offset platemaking chemicals. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, L. I., N. Y.

Lith-Kem-Kote "N"—Offset surface plate coating. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, L. I., N. Y.

Litho — Transparent photographic medium for all types of reproduction processes. E. I. du Pont de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.

Litho—Press wash for dissolving ink from rollers or blankets. Litho Chemical & Supply Co., 46 Harriet Pl., Lynbrook, N. Y.

○**Lithocraft** — Oil-resisting rubber rollers for lithographic presses. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

○**Litho Damps**—Synthetic lithographic dampening rollers. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

○**Lithogem**—Offset inks. Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

○**Litholastic**—Rollers for offset and lithographic presses. Reeves Brothers, Inc., Vulcan Rubber Products Div., 54 Worth St., New York 13, N. Y.

Lithomatic—Offset press. Banthin Engineering Co., 1849 Main St., Bridgeport 4, Conn.

Litho-perf — Flexible steel band with cutting teeth for perforating on an offset press. H. S. Boyd Co., 6914 E. 14th St., Tulsa, Okla.

Lithoprint—Rubber or synthetic rubber composition for offset presses. Sam'l Bingham's Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.

Litho-score — Flexible strip with creasing edge for use on offset presses. H. S. Boyd Co., 6915 E. 14th St., Tulsa, Okla.

Litho-Snap — Flexible strip for snap-out perforating on an offset press. H. S. Boyd Co., 6915 E. 14th St., Tulsa, Okla.

○Litho Solvent—Roller and blanket press wash. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

Lithotine—Turpentine substitute. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

○Lithox — Quick-drying offset-lith-ink, paper and metal. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Lithure—Offset plates (tri-metal). Printing Developments Inc., Sub. of Time, Inc., Time & Life Building, Rockefeller Center, New York 20, N. Y.

Lithwash—Offset blanket and roller wash. Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 1449 Industrial Park St., Covina, Calif.

Little Chief—A type metal remelting furnace. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

○Little Giant—High speed letterpress machine. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Little Giant — Folding machine. Russell Ernest Baum, Inc., 1540 Wood St., Philadelphia 2, Pa.

Little Giant—Tork clocks. Tork Time Controls, Inc., 11 Grove St., Mt. Vernon, N. Y.

Littlejohn — Routers, burning-in stove, beveler, and power guillotines. Henry P. Korn, Associated, Inc., 5 Beekman St., New York 38, N. Y.

Little Lifter — Electric portable elevator. Economy Engineering Co., 4511 W. Lake St., Chicago 24, Ill.

LNF—Bond and cover inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Load Master — Arc-welded steel storage racks for drums, barrels, etc. Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.

Localities — Localized lighting units. Fostoria Pressed Steel Corp., 1200 N. Main St., Fostoria, O.

Lock Pawl Equipped—Typographic numbering machines. American Numbering Machine Co., Atlantic & Shepherd Aves., Brooklyn 8, N. Y.

○Lock Wheel — Typographic numbering machines. Wetter Numbering Machine Co., Div. New Era Mfg. Co., P.O. Box 400, 233 Central Ave., Hawthorne, N. J.

Log-Etronic—Enlarging and contact printing equipment with automatic electronic masking and exposure control. LogEtronics, Incorporated, 500 E. Monroe Ave., Alexandria, Va.

Lone Star—Metal remelting furnace. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

Lox-Seal—Cut cement. Lox Mfg. Co., 3310 E. 31st St., Kansas City 28, Mo.

Lubrihide — Connecting pins for tape and belt joints. Clipper Belt Lacer Co., 974 Front Ave., N.W., Grand Rapids 2, Mich.

Lubriplate—Lubricants for lubrication of printing machinery of all kinds. Lubriplate Div., Fiske Bros. Refining Co., 129 Lockwood St., Newark 5, N. J.

Lubrix — Prevents line-casting mouthpiece from clogging and plunger from sticking. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

○Ludlow—System of hand-set, slug-cast job and display composition, slug shear, slug surfacing machine. Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill.

Ludwick—Induction electric metal pot, metal feeder and thermostat for composing machines. Electric Heating Co., 8616 Madison Ave., South Gate, Calif.

Lumalith — Metallic finish ink. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Lumarith—Cellulose acetate plastic material in sheets; rods, tubes and rolls; molding powders. Celanese Corp., 180 Madison Ave., New York 18, N. Y.

Lumarith Protectoid — Cellulose acetate transparent packaging and laminating materials in rolls, cut-to-size sheets, stock size sheets. Celanese Corp., 180 Madison Ave., New York 18, N. Y.

Lustro—Glossy letterpress inks. J. M. Huber Corp., 1478 Chestnut Ave., Hillside, N. J.

Luxometer—Light integrator. Electronic Mechanical Products Co., 929 Atlantic Ave., Atlantic City, N. J.

M

McAdams—Pen and disc ruling machines, paging and numbering machines, imprinting press, folding machines, inserters. John McAdams & Sons, Inc., 20 Knight St., Norwalk, Conn.

Macbeth — Color matching lamp and booth; inspection lamps; densitometers. Macbeth Daylighting Co., Little Britain Rd., Newburgh, N. Y.

Macbeth—Color fastness to light testing machine. Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.

Macbeth — Constantarc constant color and intensity motor-controlled arc lamps. Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.

Macbeth Airflow — Enclosed arc lamps for air conditioned plants. Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.

Macbeth Photoare — For vacuum frame and photocomposing machine use. Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.

Macey — Automatic collating and stitching machines. Macey Company, Sub. of Harris-Intertype Corp., 13835 Enterprise Ave., Cleveland 35, O.

Magic — Type and roller wash; offset blanket wash. Indiana Chemical & Mfg. Co., 624 E. Walnut St., Indianapolis 4, Ind.

Magic Wand — Static neutralizer bar. Herman H. Sticht Co., Inc., 27 Park Pl., New York 7, N. Y.

○Magnastep—Step and repeat machine and vacuum frame. Lanston Monotype Co., Div. Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadephia 34, Pa.

Magni-Chec — Illuminated magnifier for color register. Alico, Incorporated, Montague, Mass.

○Magplate — Magnesium photoengraving plate metal and backup plates and saddles. Brooks & Perkins, Inc., Magplate Div., 1950 W. Fort St., Detroit 16, Mich.

Malloy Metal — Photoengravers' zinc alloy plates. Atlantic Zinc Works, Inc., 210 Van Brunt St., Brooklyn 31, N. Y.

Mal-mar — Bookbinding adhesive. Merritt Products Co., 1747 Chester Ave., Cleveland 14, O.

MAMCO—Overlapping sheet deliveries, sheet counting and pile tagging devices, sheet inspection equipment, sheet pilers and joggers, paper sheet size tester. Maxson Automatic Machinery Co., 98 Granite St., Westerly, R. I.

Mamco — Electric drying equipment for flexographic inks. Master Appliance Corp., 1745 Flett Ave., Racine, Wis.

○Mammoth—Iron furniture. Challenge Machinery Co., 19 N. First St., Grand Haven, Mich.

○Mann — Sheet fed offset presses and perforators. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Marathon—24 in. roll film cambelts. Manhattan Rubber Mfg. Div. of Raybestos-Manhattan, Inc., Passaic, N. J.

Marathon — Metal for long run stereo plates. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

○Marathon—24 in. roll film camera. Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

Margach—Feeder for Linotype, Intertype, Monotype, Ludlow, Elrod machines. Margach Manufacturing Co., Inc., 47 Wooster St., New York 13, N. Y.

Markem—Presses for printing and imprinting odd sized objects. Markem Machine Co., 50 Congress St., Keene, N. H.

Markocoder—Conveyor attachment for code dating bottoms of jars, cans, etc. Adolph Gottscho, Inc., 6 Evans Terminal, Hillside 5, N. J.

Markoprinter — Printing machine for printing cases, boxes and cartons. Adolph Gottscho, Inc., 6 Evans Terminal, Hillside 5, N. J.

Maria—Open gear spray lubricant, spray anti-skinning agent for ink. Rothlan Corporation, P.O. Box 5074, St. Louis 15, Mo.

Markwell—Stapling and stitching machines and wire; stencil and marking supplies. Markwell Manufacturing Co., Inc., 200 Hudson St., New York 13, N. Y.

Martin—Semi-automatic roll wrapping machine for magazines or newspapers; automatic double fold wrapping and label addressing machine for newspapers. L. C. Martin & Associates, 302 Crestwood Village, Northfield, Ill.

Master—Automatic folding machine. Super Speed Printing Machinery, Inc., E. 65th and Euclid, Cleveland 3, O.

○Master—Band saw. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

Master — Aniline press. Kidder Press Co., Dover, N. H.

Master—Engraved steel and copper embossing rolls. Stone, Thos. and Geo. M., Inc., 1413 Chestnut Ave., Hillside 5, N. J.

○Master — Etching machines for photoengraving. Master Sales & Service Corp., 125 Greenwood Ave., Wyncote, Pa.

Master—Hydraulic embossing machines. Stone, Thos. and Geo. M., Inc., 1413 Chestnut Ave., Hillside 5, N. J.

○Master Flong—Packless stereotype mat. Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

○Master Former—Newspaper page mat forming and drying machine. Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.

Master Jack Lift — Lift truck. Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.

○Masterlith—Vulcanized oil litho rollers. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

○Master Matcher—Color comparator and registering machine for stereotype color mats. Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.

○Master Model—Single distributor Blue Streak Linotype. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

○Mastercraft—Line of offset platemaking equipment. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Masterpiece — Cork and rubber creeper. Coyne & Paddock, Inc. 40-09 21st St., Long Island City 1, N. Y.

○Master Rotary Shaver—For shaving stereotype printing plates to uniform thickness. Monomelt Co., 1611 Polk St., N.E., Minneapolis 13, Minn.

Master Router — John Royle & Sons, 10 Essex St., Paterson 3, N. J.

○Master Router—Curved newspaper page plate routing machine. Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.

○Master Trimmer — Newspaper curved mat registering and trimming machine. Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.

○Match-Box—Kit for matching colors and making small quantities of ink. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

○Material Maker— Monotype casting machine which makes strip materials such as leads, slugs, rules and borders. Lanston Monotype Co., Div. Lanston Industries, Inc., G St. below Erie Ave., P. O. Box 4768, Philadelphia 34, Pa.

○Mat-Glide System—Speeds matrix circulation on Comet. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

○Mat Master—Centrifugal scorcher. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

Matri-Chek—Automatic matrix inspection machine. Quality Control Corp., Automation Div., 10 Depot Plaza, White Plains, N. Y.

Matri-Swage—Semi-automatic matrix repair machine. Quality Control Corp., Automation Div., 10 Depot Plaza, White Plains, N. Y.

○Matrix Contrast Service—Provides continuous maintenance of Black and White and other contrasts on linecasting machine reference marks. Matrix Contrast Corp., 154 W. 14th St., New York 11, N. Y.

○Matrisil—Linecasting machine mold lubricant. Matrix Contrast Corp., 154 W. 14th St., New York 11, N. Y.

MCB—Electric temperature control for heating apparatus of Linotype, Intertype and Monotype machines. Partlow Corp., 2 Campion Rd., New Hartford, N. Y.

MCR—Model for gas heated Linotype, Intertype and Monotype machines. Partlow Corp., 2 Campion Rd., New Hartford, N. Y.

Megill—Spring tongue and double grip gauge pins. E. L. Megill Co., 763 Atlantic Ave., Brooklyn 17, N. Y.

○Meltevator—Dumping mechanism for charging metal remelting furnaces. Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.

○Melt-Lift—Power lift for dumping metal into remelting pot. Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.

Memco—Embossing rolls and equipment. Stone, Thos. and Geo. M., Inc., 1413 Chestnut Ave., Hillside 5, N. J.

Merchant—Slitter. Kidder Press Co., Dover, N. H.

○Mercury — Cooper Hewitt lamps. General Electric Co., 1 River Rd., Schenectady 5, N. Y.

○Mercury — Composing room sawtrimmer. Hammond Machinery Builders, Inc., 1603 Douglas Ave., Kalamazoo 54, Mich.

Mercury—Lift trucks and hand-operated fork trucks. Mercury Mfg. Co., 4710 W. Division St., Chicago, Ill.

○Mercury—Offset, lithograph rollers, ebonite rollers, newspaper rollers, typographical rollers of all kinds, varnish rollers, lacquer rollers, rubber rollers of all kinds, offset, lithograph blankets. Rapid Roller Co., 2558 S. Federal St., Chicago 16, Ill.

○Mercury-Lith—Blankets and rollers for multilith. Rapid Roller Co., 2558 S. Federal St., Chicago 16, Ill.

○Mergenthaler—Sheetfed letterpress cylinder presses. Mergenthaler Linotype Co., 29 Ryerson Ave., Brooklyn 5, N. Y.

Merit-Pad—Tabbing and padding adhesive. Merritt Products Co., 1747 Chester Ave., Cleveland 14, O.

Metalak—Silver offset ink. Pope & Gray, Inc., 17 Industrial West, Allwood, Clifton, N. J.

Meteor—Moisture set inks. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

○Meteorite—Vertical copy camera. Robertson Photo-Mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.

Metl-Off—Carbide tipped blades. Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind.

○Metropolitan — Stereotype cork molders. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

Meyers—Self-adjusting roller backer for book back forming. Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

○M-H — Photo-imposing system. Lanston Monotype Co., Div., Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.

○M-H—Trade name designation applied to offset-lith plate making equipment. Lanston Monotype Co., Div. Lanston Industries, Inc., G St., below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.

○M-H Overhead Focusing—Camera. Lanston Monotype Co., Div. Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.

○M-H Universal Process—Photo-imposing machine. Lanston Monotype Co., Div. Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.

○M-H Vertical—Photo-imposing machine. Lanston Monotype Co., Div. Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.

OM-H Vertical—Plate coating machine. Lanston Monotype Co., Div. Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.

Mica Composition — Special glue and glycerin printers' roller. Sam'l Bingham's Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.

Mick—Paper drills. Walter K. Mick Co., 500 Robert St., St. Paul 1, Minn.

Microfyne — Microscopically powdered graphite for lubricating purposes. Joseph Dixon Crucible Co., 167 Wayne St., Jersey City 3, N. J.

Micro-Metal—Engraving zinc alloy. Atlantic Zinc Works, Div. Ball Bros. Co., Inc. 210 Van Brunt St., Brooklyn 31, N. Y.

Micro-Mix—Chemical additive for photoengravers etching bath for powderless etching of zinc. Atlantic Zinc Works, Div. Ball Bros. Co., Inc., 210 Van Brunt St., Brooklyn 31, N. Y.

Micro-Ply — Engravers' mounting wood. Gulf Laminates, Inc., Picayune, Miss.

OMicrostat—Electric metal pot temperature control. Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.

OMicro-Therm—An electric metal melting system for metal pots on the Linotype. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

OMidget — Static eliminator and metal-encased static bars. The Simco Company, 920 Walnut St., Lansdale, Pa.

Mid-States—Flat gummed papers, white and colors, waterproof gummed paper. Mid-States Gummed Paper Co., 6850 S. Harlem Ave., Bedford Park, Ill.

Miehle—Sheetfed printing presses, two-revolution flatbeds, offset and cutting and creasing presses. The Miehle Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

Mikah—Flexible glues, glues and pastes, makeready paste and padding compound. National Adhesives, Div. National Starch Products, 270 Madison Ave., New York 16, N. Y.

OMiller—Cutter and creasers and automatic cylinder presses, multi-pile delivery (double delivery for all Miller automatics), two-color automatic cylinder press, offset presses. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

Millsap — List press. Chauncey Wing's Sons, 78 Pierce St., Greenfield, Mass.

Milwaukee Anilin — Four-color printing press. C. B. Henschel Mfg. Co., 229 W. Mineral St., Milwaukee 4, Wis.

Minden Paper Testing Instruments —Paper thickness gauges and paper testers (bursting strength). Minden Paper Guage Co., 230 W. 41st St., New York 36, N. Y.

OMiniature—Numbering Machines. Wetter Numbering Machine Co., Div. New Era Mfg. Co., P.O. Box 400, 233 Central Ave., Hawthorne, N. J.

Minnich — Waste paper baling presses. Minnich Machine Works, Inc., 1607 Ridgley St., Baltimore 30, Md.

Mobilizer—Offset work organizer and storage cabinet. Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.

Model B—Folding machine. The Dexter Co., Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

Model 40—A temperature control for stereotype and remelting furnaces. Partlow Corp., 2 Campion Rd., New Hartford, N. Y.

Model 100 — Electrically heated steam vulcanizers. Chas. K. Schweizer Co., 231 Russell Ave., St. Louis 4, Mo.

Model 136—A temperature control for all gas heated composing machines. Partlow Corp., 2 Campion Rd., New Hartford, N. Y.

Model 200 — Electrically heated steam vulcanizers. Chas. K. Schweizer Co., 231 Russell Ave., St. Louis 4, Mo.

Model W—Folding machine. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

Modern—Die stamping press. The Cronite Co., North Bergen, N. J.

Modi-Circle — Photolettering machine. Modi-Graphic Inc., 215 E. Ninth St., Cincinnati 2, O.

Mohr — Automatic slug saw for attachment to Linotype and Intertypes. Mohr Lino-Saw Co., 8015 N. Ridgeway Ave., Skokie, Ill.

Mold-on—Paper bookbinding tape. Mid-States Gummed Paper Div., Minnesota Mining and Mfg. Co., 6850 S. Harlem Ave., Bedford Park, Ill.

Monarch—Cork creeper for stereotype molding. United Stereotype Supply Corp., P.O. Box 38, W. Lynn, Mass.

OMonarch II—Roller bearing matrix roller. R. Hoe & Co., Inc., 910 E. 138th St., New York 54, N. Y.

Monoaqua—Water cooler for typesetting machine molds. Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind.

OMonomelt Dross Sifter—Sifts type metal dross. Monomelt Co., Inc., 1611 Polk St., N.E., Minneapolis 13, Minn.

OMonomelt—System of single melting and direct feeding of molten metal, dross sifter, metal furniture for kill out and storage. Monomelt Co., Inc., 1611 Polk St., N.E., Minneapolis 13, Minn.

Mononack — Packless stereotype mat backing. The Stereotex Co., 33 Crescent Ave., Scituate, Mass.

OMonophoto—Phototypesetting machine. Lanston Monotype Co., Div. Lanston Industries, Inc., G St., below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.

OMonotype — Typesetting machines, type-and-rule casters, material making machines, Giant casters and Thompson typecasters. Lanston Monotype Co., Div. Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.

OMonotype-Thompson — Typecaster. Lanston Monotype Co., Div. Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.

OMontco—Linotype mold disks. Linotype magazines, linecasting machine parts and supplies. Montgomery Company, Inc., 406 William St., P.O. Box 309, Towanda, Pa.

Morr-Gloss—Inks. Geo. H. Morrill Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Morrison—Book and box stitchers and bookbinding machinery. Acme Steel Co., 135th St. & Perry Ave., Chicago 27, Ill.

OMorrison—Composing room sawtrimmers and slug stripper. The Morrison Co., 125 W. Melvina St., Milwaukee 12, Wis.

Morrison—Printing inks. Morrison Printing Ink Co., 1051 Power Ave., Cleveland 14, O.

Morrow-Stevens — Wrapping and sealing machines for packaging plain and printed sheet stock. Maxson Automatic Machinery Co., 98 Granite St., Westerly, R. I.

Mort—Dampener cleaner for offset-lith presses. Ralph H. Mort Co., 102 N.W. Ninth Ave., Portland 9, Ore.

Morton—Lock-ups. Samuel Stephens & Wickersham Quoin Co., 174 High St., Boston 10, Mass.

Mosstype — Rubber curved plate mounting and proving machine. Mosstype Corporation, 150 Franklin Turnpike, Waldwick N. J.

Mounter-Proofer—Machine for setting up and preproofing rubber plate jobs. Mosstype Corporation, 150 Franklin Turnpike, Waldwick, N. J.

OM-S Solvent — Press roller and blanket wash. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

Mullen—Paper tester. B. F. Perkins & Son, Inc., Holyoke, Mass.

Multi — Process inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Multicount—A predetermined electronic counter for automatic machines. Unitronics Div., Lanston Industries, Inc., G St. below Erie Ave., P. O. Box 4768, Philadelphia 34, Pa.

Multi-Converter — Roll-feed high speed platen presses. Pearce Development Co., 1606 E. 30th St., Cleveland 14, O.

OMultiform—Bench mortiser. J. A. Richards Co., 903 N. Pitcher St., Kalamazoo 60F, Mich.

OMultiform — Radial routers for composing, stereo and photoengraving departments. J. A. Richards Co., 903 N. Pitcher St. Kalamazoo 60F, Mich.

OMultiform—Saws, benders, cutters, creasers. J. A. Richards Co., 903 N. Pitcher St., Kalamazoo 60F, Mich.

Multigraph — Multiple typewriting and office duplicating machines. Addressograph-Multigraph Corporation, 1200 Babbitt Rd., Cleveland 17, O.

Multi-Line—Hot stamping press. Wynn Manufacturing Co., Seventh and Green Sts., Philadelphia 23, Pa.

Multilith—Offset press. Addressograph - Multigraph Corporation, 1200 Babbitt Rd., Cleveland 17, O.

Multimaster — Hectograph carbon sets. General Manifold & Printing Co., Franklin, Pa.

OMulti-Pile—Delivery for all Miller automatic cylinder presses. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

Multipress—Press for envelopes, tag and booklet printing. B. Verner & Co., Inc., 52 Duane St., New York 7, N. Y.

Multitite—Scratchproof inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

OMulti-Unit — Rotary newspaper presses. Walter Scott & Co., Inc., 525 South Ave., Plainfield, N. J.

Mustang—Mailers and galleys for addressing newspapers. Pavyer Printing Machine Works, 600 S. Broadway St. Louis 2, Mo.

Mylar — Polyester film base for pressure sensitive tapes. E. I. du Pont de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.

N

Naroweb — Flexographic printing press Frostad Engineering Co., 3037 S. Wentworth Ave., Milwaukee 7, Wis.

Nashua—Gummed two sides paper tape for mounting cuts. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass. Mfd. by Nashua Gummed & Coated Paper Co., 44 Franklin St., Nashua, N. H.

National—Adhesives. National Adhesives, Div. National Starch and Chemical Corp., 750 Third Ave., New York, N. Y.

National—Baling machines. National Baling Press & Equipment Co., 1071 E. 48th St., Brooklyn 34, N. Y.

National—Numbering machine. Altair Machinery Corp., 55 Vandam St. New York 13, N. Y.

National—Wire stitching machines. Gitzendanner - Muller Co., 15 Vandewater St., New York 38, N. Y.

Natsco — Copper photoengravers' plates. National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7, Ill.

Naz-Dar—Silk screen equipment and supplies. Naz-Dar Co., 461 Milwaukee Ave., Chicago 10, Ill.

N-D—Single spindle drill with one finger shift. Nygren-Dahly Co., 1422 W. Altgeld St., Chicago 14, Ill.

ONebltype—Slug casting machine. Lanston Monotype Co., Div. of Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa.

Neoprene—A rubber-like material used in the manufacture of printing rollers and offset press blankets. E. I. du Pont de Nemours & Co., Inc., corner Tenth and Market Sts., Wilmington 98, Del.

ONeutro-Stat — Anti-static spray. The Simco Company, 920 Walnut St., Lansdale, Pa.

ONew Economy — Band saw for small plants. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

New England Fibre Blanket — Press blankets. New England Newspaper Supply Co., 164 Fremont St., Worcester 3, Mass.

ONew Era—Flatbed roll-feed letterpresses. New Era Mfg. Co., 375 —11th Ave., Paterson 4, N. J.

New Model — Foot-power vertical perforator, hand perforator. F. P. Rosback Co., Benton Harbor Mich.

ONews-Ox — Synthetic faced soft newspaper roller for flatbed presses. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

New Star Black—Letterpress non-scratch ink of unusually high color strength. Braden Sutphin Ink Co., 3650 E. 93rd St., Cleveland 5, O.

O19 x 25 SG — Automatic cylinder letterpress. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

O9400—Vinylite plastic plate powder. Williamson & Co., Caldwell, N. J.

ONolan—Casting boxes, proof presses routers, saws. Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.

No Mar—Oakleaf wiping towels. Canaway Mills, 295 Fifth Ave., New York 16, N. Y.

Non-Blocking—A gummed paper. Dennison Mfg. Co., 300 Howard St., Framingham, Mass.

ONon-Pack — Packless stereotype mat. Certified Dry Mat Corp., 555 Fifth Ave., New York 17, N. Y.

Nonpareil — Linotype, monotype, stereotype, electrotype and toner metal; metal flux. Theo. Hiertz Metal Co., 8011 Alaska Ave., St. Louis 11, Mo.

ONonpareil—A composing stick. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

ONonpareil—Typographic numbering machine. Wetter Numbering Machine Co., Div. New Era Mfg. Co., P.O. Box 400, 233 Central Ave., Hawthorne, N. J.

Non-Parell—Mono metal. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

Non-Scratch — A letterpress ink. Braden Sutphin Ink Co., 3650 E. 93rd St., Cleveland 5, O.

ONon-Slip—Press floors (iron and steel proof). Jampol Corporation, 728 61st St., Brooklyn 20, N. Y.

Nonspot—Reflectors as opposed to light-concentrating. Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.

Non-Tox—Offset press water fountain solution. Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 1449 Industrial Park St., Covina, Calif.

ONon-Work-Up Fluid — Prevents workups of Monotype, leads and slugs. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

ONo Pac—Packless stereotype mat. Burgess Cellulose Co., Foot of Exchange St., Freeport, Ill.

Norma-Hoffman — Precision ball, roller and thrust bearings. Norma - Hoffman Bearings Corp., Stamford, Conn.

ONorth American Woodsman—Carbide tipped saws, knives and cutters. North American Products Corp., 707 Bartley St., Jasper, Ind.

ONo-Stretch—Rubber mat creeper. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

ONovak—Belt copy conveyor system. The Novak Company, Inc., 118 Waynewood Park, Plainfield, N. J.

OnuArc — Arc lamps, vacuum frames, vacuum blankets, light tables. nuArc Company, Inc., 4110 W. Grand Ave., Chicago 51, Ill.

Nucote Black—Letterpress ink for machine coated papers. Braden Sutphin Ink Co., 3650 E. 93rd St., Cleveland 5, O.

Nu-Film — Silk screen stencil sheets. Nu-Film Products Co., Inc., 56 W. 22nd St., New York 10, N. Y.

No. 501 — Soft cork stereotype molding blanket. Coyne & Paddock, Inc., 40-09 21st St., Long Island City 1, N. Y.

No. 635—Powdered graphite for lubricating purposes, especially composing machines. Joseph Dixon Crucible Co., 167 Wayne St., Jersey City 3, N. J.

ONo. 909 — Numbering machine cleaner. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

NUClean — Solvent for cleaning printing plates. National Ultrasonic Corp., 111 Montgomery Ave., Irvington 11, N. J.

Numberama — Typographic numbering machine. American Numbering Machine Co., Atlantic and Shepherd Aves., Brooklyn 8, N. Y.

Nu-Plast—Plastic mechanical binding. General Binding Corp., 1101 Skokie Hwy., Northbrook, Ill.

○**Nu-Tex** — Newspaper dry mats. Burgess Cellulose Co., Foot of Exchange St., Freeport, Ill.

Nutran—Retouching products for lithographers and engravers; plastic sheets; plexiglas trays. Henry P. Korn Associated Inc., 5 Beekman St., New York 38, N. Y.

O

○**Offenair** — Air conditioning, ventilating and drying system. B. Offen & Co., 168 No. Michigan Ave., Chicago 1, Ill.

Office Collator — Automatic collator. J. Curry Mendes Corp., New Bedford Industrial Park, New Bedford, Mass.

Ohio—Printers' composition rollers, varnish graining, lacquer and non-melt. Ohio Roller Co., 4408 Detroit Ave., Cleveland 13, O.

Olidraulic—Elevator and stationary industrial lifts. Rotary Lift Co., Div. Dover Corp., 1054 Kansas St., Memphis 2, Tenn.

OK Black Arrow—Paper trimming knives. Ohio Knife Co., B. & O. Ry. & Dreman Ave., Cincinnati 23, O.

Olsen—Mechanical overlay, spray equipment, embossing and gold stamping machines. OlsenMark Corporation, 124 White St., New York 13, N. Y.

OlsenMark — Marking machinery. OlsenMark Corporation, 124 White St., New York 13, N. Y.

○**Olympian**—Color and black and white roll film camera. Chemco Photoproducts Co., Inc., Glen Cove, N. Y.

Omaha—Newspaper folder. Modern Equipment Co., Inc., 2011 Cuming St., Omaha 2, Neb.

○**OMC**—Wet and dry offset prevention sprays and equipment; hot wax sprays and applicating units. Ortman-McCain Company, 1330 W. Washington Blvd., Chicago 7, Ill.

○**One Set** — Rubber printing press rollers. B. F. Goodrich Industrial Products Co., Akron 18, O. (Niles & Nelson, Inc., New York, N. Y., distributors).

○**1000 SFM*** — Rotary numbering heads. Wm. A. Force & Co., Inc., 216 Nichols Ave., Brooklyn 8, N. Y.

○**One-Turn Shift** — Counter-balance action to shift magazines. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Opex—Lacquers for silk screen and display. Sherwin-Williams Co., 101 Prospect Ave., Cleveland 1, O.

○**Optic-Aid Front** — Elimination of distracting moving machine parts affecting Linotype operator's efficiency. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Optical Depth Gauge—For photoengraving and gravure platemaking. Unitronics Div., Lanston Industries, Inc., G St. below Erie Ave., P. O. Box 4768, Philadelphia 34, Pa.

Opti-Chek—Device for mounting plates in register on press cylinders. E. L. Harley, Inc., 8701 Third Ave., Brooklyn 9, N. Y.

○**Original Heidelberg**—Platen and cylinder presses, Heidelberg Automatic Presses. (See manufacturers' index).

○**Ortho** — Paper base strip film. Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

Ortleb—Ink agitators and electric-lighted magnifiers. Perforating attachment for Kelly presses. Ortleb Machinery Co., 3818 Laclede Ave., St. Louis 8, Mo.

Ostrander—Electrotype and stereotype platemaking and finishing equipment. Ostrander - Seymour Co., 1710 N. 25th Ave., Melrose Park, Ill.

○**O-33**—Litho ink conditioner. Central Compounding Co., 1718 N. Damen Ave., Chicago 47, Ill.

Owl Brand — Zinc photoengraving plate. Atlantic Zinc Works, Div. Ball Bros. Co. Inc., 210 Van Brunt St., Brooklyn 31, N. Y.

○**OX**—Process rollers (special soft base). Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

○**Oxy-Dry**—Sprayer and powder for offset prevention, sheet cleaner. Oxy-Dry Sprayer Corp., 1134 W. Montrose Ave., Chicago 13, Ill.

Ozachrome — A transparent film with coating which can be used to produce color separation positives or negatives which are used for proofreading or comparison with original color art copy before making the printing plates. Ozalid Division, General Aniline & Film Corp., Ansco Rd., Johnson City, N. Y.

Ozalid—A proofing paper on which multiple copies of type matter and illustrations may be reproduced. Ozalid Division, General Aniline & Film Corp., Ansco Rd., Johnson City, N. Y.

Ozalith—Pre-sensitized aluminum and paper offset plates, fountain solution, developing solutions, direct image (paper) plates. Ozalid Division, General Aniline & Film Corp., Ansco Rd., Johnson City, N. Y.

P

P/C Kotes—Plastic fiber xerography plates. Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.

○**P. V.** — Variable speed drives. Link-Belt Co., Prudential Plaza, Chicago 1, Ill.

Pacemaker—Offset printing press. Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.

○**Pacemaker** — Tipping and semi-automatic gatherer. Super Speed Printing Machinery, Inc., E. 65th and Euclid, Cleveland 3, O.

Packer—Auto wire tying machines. Signode Steel Strapping Co., 2600 N. Western Ave., Chicago 47, Ill.

Padd-O-Cork—Cork molding blanket. Coyne & Paddock, Inc., 40-09 21st St., Long Island City 1, N. Y.

Paddy—One-time carbon binding machine. J. Curry Mendes Corp., New Bedford Industrial Park, New Bedford, Mass.

○**Pam-X**—Flexible plastic cold liquid glue. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

○**Panamerie**—Hand miterer. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

Panchrome—Continuous tone panchromatic plate. G. Cramer Dry Plate Co., Lemp & Shenandoah Aves., St. Louis 4, Mo.

Para-Flex—Tools, equipment for making non - metallic plates. Para-Flex Plate Corp., 21 E. 17th St., New York 3, N. Y.

○**Paragon** — Automatic and lever numbering machines. Wm. A. Force & Co., 216 Nichols Ave., Brooklyn 8, N. Y.

Parazin—Solid rubber and metal backed printing plates. Parazin Corporation, 208 Mill St., Rochester 4, N. Y.

Partlow—Type metal temperature control equipment. Partlow Corp., 2 Campion Rd., New Hartford, N. Y.

○**Paster Pilot** — Mechanism for automatically severing expiring web and splicing tail to fresh paper roll on rotary printing presses. The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

Pee-Gee — Reducing and non-scratch compounds. Pope & Gray, Inc., Industrial West, Allwood, Clifton, N. J.

Peerless—K-2 single spindle and multiple spindle paper drilling machines, power and foot punching machines, power round-hole perforating machine, also foot power perforator. Nygren-Dahly Co., 1422 Altgeld St., Chicago 14, Ill.

Peerless—Roll leaf stamping foil, roll leaf stamping presses. Peerless Roll Leaf Co., 4511 New York Ave., Union City, N. J.

○**Peerless**—Stereotype matrix molder. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

○**Pentrate**—A method for cleaning Intertype molds. Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 2, N. Y.

○**Perennial**—Daters. Wm. A. Force & Co., 216 Nichols Ave., Brooklyn 8, N. Y.

Perf-A-Matic — Automatic feed perforator for snapout glue tipping machine. Pierce Specialized Equipment Co., 350 Peninsular Ave., San Mateo, Calif.

Perfect Circle — Cylindrical plates for gravure and letterpress. Champlain Co., Inc., Harrison Ave., Roseland, N. J.

○**Perfection**—Autoplate drive belt. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

○**Perfection** — Gummed and Teletypesetter tape; mailing and listing papers. Paper Manufacturers Co., 9800 Bustleton Ave., Philadelphia 15, Pa.

Perf-Former—Automatic numbering and perforating machines. Farrington Business Machines Corp., Industrial Park, New Bedford, Mass.

Perfix—Perforator. Altair Machinery Corp., 55 Vandam St., New York 13, N. Y.

Perfo-Strip — Perforating rule. B. E. Sanders Co., P.O. Box 2332, Tulsa, Okla.

Permacel—Pressure sensitive tapes. Permacel, U. S. Highway No. 1, New Brunswick, N. J.

Permeine—Aniline and rotogravure inks. Hill-Hentschel Co., 3928 Clayton Ave., St. Louis 10, Mo.

Phenoid—Instantaneous type cleaner. Chalmers Chemical Co., 123 Chestnut St., Newark 5, N. J.

Photon — Photographic typesetting machine. Photon, Inc., 58 Charles St., Cambridge 41, Mass.

Photorite—Presensitized paper plates. Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Photovolt—Electronic transmission and reflection densitometers and pH meters. Photovolt Corp., 95 Madison Ave., New York 16, N. Y.

○**Pica**—A composing stick. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

Pica-Master — Band sawing machine. The DoAll Company, 254 N. Laurel Ave., Des Plaines, Ill.

Pictograph—Cold fusing cabinet for fusing acid resists by chemical action. Harold M. Pitman Co., 3239 S. 51st Ave., Cicero 50, Ill.

Pilot—Hand printing press. Chandler & Price Co., 6000 Carnegie Ave., Cleveland 3, O.

○**Pioneer**—Bench router and type-high planer, composing room saw, paper drillers, micrometer. Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.

○**Plane-O-Plate**—Plate shaver. Monomelt Co., 1611 Polk St., N.E., Minneapolis 13, Minn.

Plastico—Plastic binding machine and plastic binding elements. Plastic Binding Corp., 732 Sherman St., Chicago 5, Ill.

Plastiply Matrix—For making rubber printing plates. Econo Products, Inc., 132 Humboldt St., Rochester 10, N. Y.

Plastictypes—Plastic plates and mats. Reilly Electrotype Co., 305 E. 45th St., New York 17, N. Y.

Plasti-Vac—Vacuum contact printing frame utilizing plastic top for exposing presensitized plates, grained, and engraver's plates. Paul Anderson Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio 9, Tex.

○**Plast-O-Damp** — Paperlike covering for dampening rollers on offset printing presses. Ideal Roller & Mfg. Co., Inc., 2512 W. 24th St., Chicago 8, Ill.

○**Plate-Mate**—Line of photomechanipress, for molding Vineylite electrotype molds, plastic printing plates, rubber printing plates and stereotype mats. Williamson & Co., Inc., Caldwell, N. J.

Plate-Mate—Line of photomechanical platemaking equipment. Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.

○**Plate Perfector and Tension Miller** —Machine for finishing curved stereotype plates and cutting pockets in plates to permit tension fingers on press plate cylinder locking plates tightly to cylinder. The Goss Company, Div. of Miehle - Goss - Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

○**Plate-Tak** — Cut mounting tape. Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.

Pleger — Bookbinding machinery. Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

Pleger "400"—Gold stamping and embossing press. Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

Pliofilm—Synthetic rubber. Goodyear Tire & Rubber Co., 1144 E. Market St., Akron 16, O.

Plus 4—Copper anodes for plating electrotypes and gravure cylinders. Anaconda American Brass Co., 414 Meadow St., Waterbury 20, Conn.

○**Plus Metals**—Adjusting alloys for type metals. Imperial Type Metal Co., 1800 S. 54th Ave., Chicago 50, Ill.; 3400 Aramingo Ave., Philadelphia 34, Pa.

Plymouth—Brass plates for photoengraving. Edes Mfg. Co., Water St., Plymouth, Mass.

Plymouth — Knife grinder. Fate-Root-Heath Co., Grinder Div., Plymouth, O.

○**PMC**—Die cutting machines. Printing Machinery Co., 436 Commercial Sq., Cincinnati 2, O.

○**PMC**—Patent metal base, register hooks, Vee slot hooks, aluminum alloy metal furniture. Printing Machinery Co., 436 Commercial Sq., Cincinnati 2, O.

○**PMC Warnock** — Patent metal base, register hooks, Vee slot hooks, aluminum alloy metal furniture. Printing Machinery Co., 436 Commercial Sq., Cincinnati 2, O.

Pneuma-Flo — Offset preventing spray guns. Pneuma-Flo Systems, Inc., 127 W. 24th St., New York 11, N. Y.

○**Pneumatic Pumps**—For Junior and Pony Autoplate. Wood Newspaper Machinery Corp., 688 Second St., Plainfield, N. J.

Polykote — Photosensitive plastic fiber plates. Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.

Pony — Rotary perforator, six multiplex punching machine. F. P. Rosback Co., 225 Fifth St., Benton Harbor, Mich.

Pony Boy—Typographic numbering machine. American Numbering Machine Co., Atlantic and Shepherd Aves., Brooklyn 8, N. Y.

Porta-Trace—Portable illuminated tracing units. Ozalid Division, General Aniline & Film Corp., Ansco Rd., Johnson City, N. Y.

○**Portermade**—Feed boards, cutting sticks, matrix cabinets and other wood accessories. Chambersburg Lumber Co., College and Scotland Aves., Chambersburg, Pa.

Post—Totalizing and present electronic high speed counters for any counting purpose. Electronic Products Div., Post Machinery Co., 150 Elliott St., Beverly, Mass.

Poster-Screen—Silk screen process inks. The Sherwin-Williams Co., Graphic Arts Div., 101 Prospect Ave., N.W., Cleveland 1, O.

○**Potdevin**—Paper converting machinery. Potdevin Machine Co., 226 North St., Teterboro, N. J.

Potstiks—Blatchford brand metal flux. National Lead Co., 111 Broadway, New York 6, N. Y.

○**Powerdot**—Stripfilm and film developer. Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

○**Power-Fix** — Film fix. Chemco Photoproducts Co., Inc, Charles St., Glen Cove, N. Y.

○**Powerline** — Transparent photographic paper. Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

○**Powerlith** — Litho surface platemaking chemicals, liquid concentrate film developer, and litho type film. Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

○**Powerlith Type-X** — High speed litho type film. Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

○**Powerplate** — Cold top enamel. Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

Powrworker—Paper roll pallet truck. Clark Equipment Co., Industrial Truck Div., 24th St., Battle Creek 151, Mich.

Precise — Roll feed rotogravure presses, integrated plastic coating, sheeting, slitting, embossing, perforating, rewinding and die cutting equipment. Precise Engineering Co., E. Main St., P.O. Box 128, Huntley, Ill.

Precision—Bearings. Norma-Hoffman Bearings Corp., Stamford, Conn.

Precision—Offset inks. Lewis Roberts, Inc., 72 Union St., Newark, N. J.

○**Precision**—Steel roller chain. Link-Belt Co., Prudential Plaza, Chicago 1, Ill.

Preco—Hydraulic press for molding phenolic matrices for rubber stamps and rubber printing plates. Preco, Inc., 6300 E. Slauson Ave., Los Angeles 22, Calif.

○**Premier**—Rotary shaver. Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.

Prentiss—Bookbinders' wire. Porter, H. K., Co., Riverside-Alloy Metal Div., Prentiss Wire Mills, 439 Dwight St., Holyoke, Mass.

○**Pre-Registering Tensionplate Automiller** — For milling press plate-holder pockets and for pre-registering newspaper stereotype color plates. Wood Newspaper Machinery Corp., 688 Second St., Plainfield, N. J.

Pre-set—A lineup table for offset-lith and photoengraving platemaking. Long Engineering Research Corp., 30 W. Price St., Linden, N. J.

○**Pressolve**—Wash for presses. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

Pressroom Aspirin — Ink reducer, offset preventive. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Presstaker — Combination arbor press and impact staker. Cramer Controls Corp., 100 Saybrook Rd., Centerbrook, Conn.

Presstest Blocks—Impression test blocks. M & L Typesetting & Electrotyping Co., 4001 Ravenswood Ave., Chicago 13, Ill.

Presto—Ink remover. H. S. Prescott, 95 Nursery St., Springfield, 4, Mass.

○**PrestoCaster**—Hand operated electrotype plate caster. Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.

Pre-top — Pre-sensitized photoengraving plate. Dirats Photo Plate Co., Inc., 181 Notre Dame St., Westfield, Mass.

Prime—Letterpress inks. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

Printers Friend—Hand cleaner. Merritt Products Co., 1747 Chester Ave., Cleveland 14, O.

Printers' Position Sheets—Layout sheets. Cromwell Paper Co., 4801 Whipple St., Chicago 32, Ill.

○**Printmaster** — Single width press for printing newspapers with smaller circulations. R. Hoe & Co., Inc., 910 E. 138th St., New York 54, N. Y.

Print Smooth—Compound. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

○**Process Rollers**—Typographic combination rubber base and composition rollers. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

Promset—Heat seal label paper. Mid-States Gummed Label Paper, Div. of Minnesota Mining and Mfg. Co., 6850 S. Harlem Ave., Bedford Park, Ill.

Proof-Kote—Wipe-on offset plate color proving process. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

Prosperity Black — A letterpress ink. Braden Sutphin Ink Co., 3650 E. 93rd St., Cleveland 5, O.

Protectoseal—Safety cans. Protectoseal Co., The, 1920 S. Western Ave., Chicago 8, Ill.

ProType—Photolettering machine. Davidson Corporation, Sub. of Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Pruval—Liquid proof black ink. Huber, J. M., Corp., 1478 Chestnut Ave., Hillside, N. J.

Pyroductimeters — Counting machines, lineal measuring machines. Durant Mfg. Co., 1988 N. Buffum St., Milwaukee 1, Wis.

Pyro Immersion Pyrometers—For measuring temperatures of nonferrous metal. Pyrometer Instrument Co., 92 Portland Ave., Bergenfield, N. J.

Pyro Prod — Portable pyrometer. Illinois Testing Laboratories, 420 N. La Salle St., Chicago 10, Ill.

Pyro Surface Pyrometers — For measurement of temperatures up to 1200 deg. F. Pyrometer Instrument Co., 92 Portland Ave., Bergenfield, N. J.

Q

Q-Coat—Offset platemaking solution. Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 1449 Industrial Park St., Covina, Calif.

Q-Lac — Surface plate lacquer. Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 1449 Industrial Park St., Covina, Calif.

Quadhole Base — Honeycomb type metal base in 30 pt. units. M & L Typesetting & Electrotyping Co., 4001 Ravenswood Ave., Chicago 13, Ill.

Qualicraft—A line of sundry silk screen supplies. Sherwin-Williams Co., 101 Prospect Ave., Cleveland 1, O.

Quickee—Fast drying ink. Braden Sutphin Ink Co., 3650 E. 93rd St., Cleveland 5, O.

Quick-set—Compound and inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

○**Quik Lok Rotary**—Numbering Machines. Wetter Numbering Machine Co., Div. New Era Mfg. Co., Atlantic Ave. and Logan St., Brooklyn 8, N. Y.

R

Ramsey—Chaindrives for printing presses. Ramsey Products Corp., 724 Gesco St., Charlotte 8, N. C.

Randolph—Pump for loading and unloading photoengraving acids. Randolph Company, 1018 Rosine St., Houston 19, Tex.

○**Rangemaster** — This wide-range Linotype keyboards large point size matrices. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

○**Rapid** — Offset-lithograph Ebonite and newspaper rollers; typographical rollers of all kinds; varnish, lacquer and rubber rollers of all kinds; offset-lithograph blankets. Rapid Roller Co., 26th and Federal Sts., Chicago 16, Ill.

Rapid—Saw extension gauge for saw trimmer. Margach Mfg. Co., 47 Wooster St., New York 13, N. Y.

○**Rapid**—Saw swivel gauge for Miller saws. Monomelt Co., 1611 Polk St., N. E., Minneapolis 13, Minn.

Rathbun & Bird—Extension delivery. Rathbun & Bird Co., 379 West Broadway, New York 12, N. Y.

Rathbun & Bird—Gas sheet heater. Rathbun & Bird Co., 379 West Broadway, New York 12, N. Y.

Readco — Ink mixing machine. Read Standard Corp., York, Pa.

Rectigraph — Photo-copying machines. Haloid Co., 2 Haloid St., Rochester 3, N. Y.

○**Red Bulldog**—Autoplate drive belt. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

○**Red Comet**—Autoplate drive belt. Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.

Red Giant—Hand lift trucks. Revolvator Company, Tonnele Ave., North Bergen, N. J.

○**Rediback**—An acid-resist coating on back of photoengraving zinc sheets. Imperial Type Metal Co., 1800 S. 54th Ave., Chicago 50, Ill.; 3400 Aramingo Ave., Philadelphia 34, Pa.

RediLift—Single stroke mechanical lift trucks. Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.

Redi-Lith—Lithographic inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Redington—Counting machines. F. B. Redington Co., 3000 St. Charles Rd., Bellwood, Ill.

Redi-Set—Lithographic inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Red Label—Routing cutters. High speed steel cutters. John Royle & Sons, 10 Essex St., Paterson 3, N. J.

Red-Ray—Gas burners and driers, infrared driers. Red-Ray Mfg. Co., Inc., Cliffside Park, N. J.

Red Rocker—Barrel stand. Economy Engineering Co., 4511 W. Lake St., Chicago 24, Ill.

Red Streak—Graphic Arts saws. Simonds Saw and Steel Co., 470 Main St., Fitchburg, Mass.

○**Red Top**—Matrix sheet for molding plastic plates and/or rubber plates. Williamson & Co., Inc., Caldwell, N. J.

Red Top—Under blanket for newspaper printing presses. Goodyear Tire & Rubber Co., 1144 E. Market St., Akron 16, O.

Reducol — Ink reducer. Indiana Chemical & Mfg. Co., 624 E. Walnut St., Indianapolis 4, Ind.

Reevelee — Machine for sealing plastic vinyl binders, book covers, etc. Reeve Electronics, Inc., 609 W. Lake St., Chicago 6, Ill.

Reeves—Variable speed drives, vari-speed motor pulley, vari-speed motor-drive. Reeves Pulley Co., 1225 Seventh Ave., Columbus, Ind.

Refrak—Burners. Refractory burners for various purposes, including melting and drying. Selas Corp. of America, Dresher, Pa.

Regiset—Sheet registering device for Miehle Vertical. The Carlson Company, 15 Hathaway St., Boston 10, Mass.

Registerscope—Device for registering units of a form with an image of the copy reflected through a scanning plate on to the imposing surface. Taylor Machine Co., 1713 S. Clinton St., Baltimore 24, Md.

○**Register Zinc**—A special photoengravers' zinc alloy for color plates, long runs and mat molding. Imperial Type Metal Co., 1800 S. 54th Ave., Chicago 50, Ill.; 3400 Aramingo Ave., Philadelphia 34, Pa.

Reid—Magazine racks for linecasting machines. William Reid Co., 2271 Clybourn Ave., Chicago 14, Ill.

Reid-Hill—Page lift, chase and storage cabinet. William Reid Co., 2271 Clybourn Ave., Chicago 14, Ill.

Reilly types—16 gauge electrotypes. Reilly Electrotype Co., Div. of Electrographic Corp., 305 E. 45th St., New York 17, N. Y.

Rejafix—Marking machines for marking vials, plastics, rubber, etc. Popper & Sons, Inc., 300 Fourth Ave., New York 10, N. Y.

Reliance—Electric motors, generators, gear-motors, motor-generator sets. Reliance Electric & Engineering Co., 1088 Ivanhoe Rd., Cleveland 10, O.

Removorite—All purpose gum remover for offset and paper plates. Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

○**Re-Nu-Rol**—Rubber inking roller conditioner. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

Repro Art—Photoengraving equipment. Max Levy & Co., Wayne Ave. & Berkley St., Philadelphia 44, Pa.

Repro-Graphic—Photographic dry plates. G. Cramer Dry Plate Co., 1835 Shenandoah Ave., St. Louis 4, Mo.

Resisto—Non-scratch black inks. J. M. Huber Corp., 1478 Chestnut Ave., Hillside, N. J.

Resyn—Adhesives for printers, lithographers and binders. National Adhesives, Div. National Starch Products, 270 Madison Ave., New York 16, N. Y.

Revelation—Compounds and inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Revetch — Mechanical reverse proofing process. Graphic Arts Research Foundation, 18 W. Kenzie St., Chicago 11, Ill.

Revolvator—Press feeding lifts, portable elevators and trucks. Revolvator Company, Tonnele Ave., North Bergen, N. J.

○**Rezlon**—Laminated plastic base. Midwest Publishers Supply Co., 4500 W. Cermak Rd., Chicago, Ill.

Riehlock—Adjustable page or form tie-up galley and lock and galley side locks. Riehl Galley Lock Co., 748 E. 82nd St., Cleveland 3, O.

○**Rigid-Rim**—Steel galleys. Challenge Machinery Co., 19 N. First St., Grand Haven, Mich.

Rinehart—Type metals. Pittsburgh White Metal Co., 13 E. 37th St., New York 16, N. Y.

Rip-Proof—Mylar reinforcing for loose leaf sheets. G. J. Aigner Co., 426 S. Clinton St., Chicago 7, Ill.

Robco—Anhydrous alcohol solution for deep etch plates. J. M. Roberts Co., Kalamazoo, Mich.

○**Robertson** — Cameras, vacuum printing frames, plate whirlers, etching machines, temperature control units. Robertson Photomechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.

○**Robinol** — Non-toxic solution for cleaning type, matrices, motors and presses. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

○**Rocket**—Saw trimmer. Nolan Corporation, 1333 Dominick St., Rome, N. Y.

Rogers—Paper and line-casting machine knife grinders. Samuel C. Rogers & Co., Inc., 2070 Sheridan Dr., Buffalo 23, N. Y.

Rogersol—Line of cleaning solvents such as type washes, humidity control solvents, offset roller washes, blanket washes, dampener roller cleaners, lubricating oils, numbering machine oils and cleaner, Asphaltum 666, composition and rubber roller conditioners. Harry H. Rogers Co., Inc., 5331 S. Cicero Ave., Chicago 32, Ill.

Rogers Photo Engraving Glue—Rogers Isinglass & Glue Co., 210 Eastern Ave., Gloucester, Mass.

Rogers Prepared Top Enamel—Uniform, sensitized solution for all metals. Rogers Isinglass & Glue Co., 210 Eastern Ave., Gloucester, Mass.

Rolatone—Concentrate for rollers. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Rolite—Viewer. Roloc, Incorporated, 4217 W. North Ave., Milwaukee 8, Wis.

Roll-a-Minute—Rubber plate, roll-feed press for paper and cloth tape, one-color rotary press. Ever Ready Label Co., 357 Cortlandt St., Belleville, N. J.

RollAskid—Paper stock inverter for turning over complete stack of paper in one operation. The M. L. Abrams Co., 1841 Prospect Ave., Cleveland 15, O.

Roll-over — Air-cooled individual molds to cast slip-off ingots. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

Roloc Colorsplitter—Color separation machine. Roloc, Inc., 4217 W. North Ave., Milwaukee 8, Wis.

Rolup Process—Method for etching photoengravings. Harold M. Pitman Co., 3239 S. 51st Ave., Cicero 50, Ill.

Romyns—Spaceband cleaning machine. Hartzell Machine Works, Market St. and Bethel Rd., Chester, Pa.

○**Ronolene** — Offset blanket and roller wash. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

Roocoglo Ink—Gloss process ink. H. D. Roosen Co., Inc., Div. Columbian Carbon Co., 41 E. 42nd St., New York 17, N. Y.

Roocoset Ink—Steamset type ink. H. D. Roosen Co., Inc., Div. Columbian Carbon Co., 41 E. 42nd St., New York 17, N. Y.

Rosback—Multiple punching machine, stitcher and feeder, round hole rotary perforator, two-way rotary perforator, rotary stamp perforator, slot rotary perforator, extra heavy power perforator, super XX heavy power perforator, "multiplex" check perforator, gathering machine. F. P. Rosback Co., 225 Fifth St., Benton Harbor, Mich.

Roscolene—Transparent material for taking positive proofs for plate reproduction. Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y.

Rotator—A variable speed gathering machine for binding and publishing plants. Kenneth E. Dudley Co., 112 N. Potomac St., Hagerstown, Md.

Rotary-X—Roll-feed, rubber plate, one and two-color units, press for tape printing. Ever Ready Label Co., 357 Cortlandt St., Belleville, N. J.

Rotogem—Gravure inks. Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Rotogleem—Gravure inks. Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Roto-Grip—Finish applied to photoengravers' zinc plates. Edes Mfg. Co., Water St., Plymouth, Mass.

Rotomak—Anti-offset drysprayer. Yahnke Co., 543 E. North Ave., Libertyville, Ill.

RotoMatic — Rotogravure press. Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill.

Rotomatic—Fifty station collating machine. Thomas Collators, Inc., 100 Church St., New York 7, N. Y.

Rotomatic—Rubber plate grinder. E. L. Harley, Inc., 8701 Third Ave., Brooklyn 9, N. Y.

Rotoset—Gravure inks. Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Rotatuf—Gravure inks. Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Roto-Verter — Rotary pallet load inverter. Roto-Verter, P.O. Box 9206, Birmingham 13, Ala.

Rouse—Vertical rotary miterer, band saw, lead and rule cutters, composing sticks, etc. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

Router Planer — Stationary head router and typehigh planer. Hammond Machinery Builders, Inc., 1604 Douglas Ave., Kalamazoo 54, Mich.

Rowell—Automatic double rolling device for Miehle Vertical press. W. C. Rowell, 657—10th St., Brooklyn 15, N. Y.

Royal — Cork stereotype molding blanket. United Stereotype Supply Corp., P. O. Box 38, W. Lynn, Mass.

Royal Mark II—Powderless etching machine. Tasope Company, Tasope Bldg., Aurora, Mo.

Royle—Cabinet saws, circular saws, router (free-hand, radial). John Royle & Sons, 10 Essex St., Paterson 3, N. J.

R. R. B.—Padding glue. Burrage Glue Co., 15 Vandewater St., New York 17, N. Y.

R228 — Rubber roller wash. A cleaner and revitalizer for synthetic rubber rollers. Anchor Chemical Co., 827 Bergen St., Brooklyn 38, N. Y.

Rubbo—Padding glue. American Roller Co., 1342 N. Halsted St., Chicago 22, Ill.

Rub-Up—Rub-up ink for original rub-up of any type of offset plate. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

Rubylith M3 — Red laminated masking film. Ulano Graphic Arts Supplies, Inc., 610 Dean St., Brooklyn 38, N. Y.

Rule-Pak—Rules and borders for layout work. Fototype Incorporated, 1414 W. Roscoe St., Chicago 13, Ill.

Rutherford — Lithographic and printing machinery. Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.

Ryco—Washup devices for sheet-fed and roll-fed offset presses. E. G. Ryan and Co., 153 W. Huron St., Chicago 10, Ill.

S

Saber Tooth—Perforating backing and under type high perforating rule. H. S. Boyd Co., 6915 E. 14th St., Tulsa, Okla.

Safetch—Offset plate etch. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Safe-Myx—Non-offset spray solution. Triangle Ink & Color Co., 329 E. 29th St., New York 17, N. Y.

Safeset—Ink conditioner. Indiana Chemical & Mfg. Co., 624 E. Walnut St., Indianapolis 4, Ind.

Safety Roll—Paper truck. William A. Norman, 1133 E. 63rd St., Chicago 37, Ill.

Saf-T-Flame—Safety pilot metal temperature control. The Partlow Corp., 2 Campion Rd., New Hartford, N. Y.

Samson—Vulcanized oil rollers for offset presses. Sam'l Bingham's Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.

Sandblom—Steel chases. Sandblom Steel Chase Co., 426 S. Clinton St., Chicago 7, Ill.

Sans Aqua — Aerosol waterless hand cleaner. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

S&M—Trucks, racks and makeup and storage cabinets. S&M Mfg. Co., 3155 Verdugo Rd., Los Angeles 65, Calif.

S & W—Controlled gas burner for all presses. Wolfer Printers Supply Co., 1221 Maple Ave., Los Angeles 15, Calif.

Satisfaction—Drawsheet, duck impregnated and coated with Cavalprene. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

Save-A-Mat—Device for restoring line composing machine matrices to usable condition. Fisk Industries, 130 W. 46th St., New York 36, N. Y.

Sawliner—Composing room saw trimmer for printers and engravers. The Morrison Co., 125 W. Melvina St., Milwaukee 2, Wis.

Saxmayer—Tying machines and stringing machines. National Bundle Tyer Co., 320 Adrian St., Blissfield, Mich.

Scan-A-Color — Electronic color separation machine. Fairchild Graphic Equipment, Div., Fairchild Camera & Instrument Corp., Fairchild Dr., Plainview, L. I., N. Y.

Scan-A-Graver—Electronic photoengraving machine. Fairchild Graphic Equipment, Div. Fairchild Camera & Instrument Corp., Fairchild Dr., Plainview, L. I., N. Y.

Scan-A-Sizer—Enlarging and reducing electronic photoengraving machine. Fairchild Graphic Equipment, Div. Fairchild Camera & Instrument Corp., Fairchild Dr., Plainview, L. I., N. Y.

Scan-A-Web—Device on printing presses for inspection during high-speed production runs. National Laboratories & Mfg. Co., 112 Greenwood Ave., Midland Park, N. J.

Schweizer — Electrically heated steam vulcanizers for rubber plate making. Chas. K. Schweizer Co., 231 Russell Ave., St. Louis 4, Mo.

Scorchrite—Timer for mat drying. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

Scotch—Trade name for cellulose adhesive tape, gummed two sides for mounting engravings. Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.

Scott—"Hi-Speed," "Standard-hi-speed" and "Extra-hi-speed" presses, combination newspaper and color presses, 3-roll magazine rolls and "Hi-speed" automatic pasters with Jones automatic tension governor. Walter Scott & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.

Seal-O-Matic — Automatic sealing machine for self-mailers. Seal-O-Matic Machine Mfg. Co., Inc., 145 Hudson St., New York 13, N. Y.

Seamol—Seamless offset dampener roller covers. Jomac, Incorporated, 6128 N. Woodstock St., Philadelphia 38, Pa.

Selas—Dryers. Ink drying units for high speed presses and metal melting equipment. Selas Corp. of America, Dresher, Pa.

Selectro-Matic — Quadding attachment for new or existing line composing machines. Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.

Self-Quadder—Device on Linotype for automatically quadding either right or left or centering lines. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Senator—Regular and electromatic programming paper cutters. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Senior I. C.—Rotary wrapping paper press. Kidder Press Co., 121 Broadway, Dover, N. H.

Sennett—Positive assembler for Linotype machines. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

Separator—Box that automatically separates Monotype from Linotype slugs when form is dumped. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

Service Box—Electrically heated storage and heating mat box at scorcher temperature. Eastern Newspaper Supply, Inc. 9603 Northern Blvd., Corona, 68, N. Y.

Servol—Composition white metal type. OlsenMark Corporation, 124 White St., New York 13, N. Y.

Set-Maker — Collator. Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.

Setmaster—Glue tipping and collating machine. Pierce Specialized Equipment Co., 350 Peninsular Ave., San Mateo, Calif.

Setswell — Compound. Conditions ink to lie smooth prevents mottling, helps overprinting, relieves smudging. J. E. Doyle Co., 1220 W. 6th St., Cleveland 13, O.

Seven-Eleven—Solvent and solvent adhering silk screen films. Ulano Graphic Arts Supplies, Inc., 610 Dean St., Brooklyn 38, N. Y.

729 Developer—Paper base film developer. Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

Seybold—Auto spacer cutters, continuous feed trimmers, knife grinding machine, paper cutters, mill trimmers, paper drills, and collators. Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.

SG—20 x 26. Automatic cylinder letterpress. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

Shadotone — Secondary color in inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Shamrock — Green rubber rollers for letterpress and offset. The Moreland Corporation, York and Fitzwatertown Rds., Willow Grove, Pa.

Sharpshooter—Offset and photoengraving camera. Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.

Shell-cast—Device for attachment to Ludlow type casting machines. Ludlow Typograph Co., 2032 Clybourn Ave., Chicago 14, Ill.

Shell-Hi Slug Shear—Shears shank from the head of Ludlow slugs. Ludlow Typograph Co., 2032 Clybourn Ave., Chicago 14, Ill.

Sher-Will-Glo — Fluorescent screen process inks. Sherwin-Williams Co., Graphic Arts Div., 101 Prospect Ave., N.W., Cleveland 1, O.

Shirley—Untreated tympan paper. Hollingsworth & Vose Co., East Walpole, Mass.

Shooting Star — Gallery camera. Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.

Showcard—Machines for printing display cards and signs. Showcard Machine Co., 1456 Merchandise Mart, Chicago 54, Ill.

Shy-Nee—Gloss inks for corrugated containers. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Sieber—Punches, foot and hand power. Challenge Machinery Co., 19 N. First St., Grand Haven, Mich.

Siebold—Letterpress, offset, lithographic inks and compounds. J. H. & G. B. Siebold, Inc., 150 Varick St., New York 13, N. Y.

Siegwerk—Electronic depth gauge. Henry P. Korn, Associated, Inc., 5 Beekman St., New York 38, N. Y.

Sigmund Ullman—Printing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Signode—Strapping and tying machines. Signode Steel Strapping Co., 2600 N. Western Ave., Chicago 47, Ill.

Silcolith — Silicone lubricant for linecasting machine molds, plungers, mold wipers and space bands. Theo. Hiertz Metal Co., 8011 Alaska Ave., St. Louis 11, Mo.

Silk—Compound for reducing ink without reducing strength. H. D. Roosen Co., 41 E. 42nd St., New York 17, N. Y.

Silvaloy—Acid and chemical resistant metal containers. Douthitt Corp., 680 E. Fort St., Detroit 26, Mich.

Silveneer — Ink. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Silverstreak—Silent chain drives. Link-Belt Co., Prudential Plaza, Chicago 1, Ill.

Silvertone—Stereotype mats for black and white and color magazine work. Certified Dry Mat Corp., 555 Fifth Ave., New York 17, N. Y.

Sil-Vor Plate — Metallic inks. George H. Morrill Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Simco—Static eliminator and metal-encased static bars. The Simco Company, 920 Walnut St., Lansdale, Pa.

Simonds-Dayton—Paper trimming knives. Simonds Worden White Co., 607 Negley Pl., Dayton 7, O.

Simplex — Block system, patent base for book work. Challenge Machinery Co., 19 N. First St., Grand Haven, Mich.

Simplex — Paper conditioners. Southworth Machine Co., 30 Warren Ave., Portland 2, Me.

Si-Namic—Paper knives. Simond Saw and Steel Co., 470 Main St., Fitchburg, Mass.

Single-Liner—Hot stamping press. Wynn Manufacturing Co., Seventh and Green Sts., Philadelphia 23, Pa.

Sinvalac—Die stamping inks. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

Sinvalco — Offset chemicals and supplies. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

Sirius—Four paddle etching machine. Axel Holmstrom Etching Machines, 2555 Carpenter St., Philadelphia 46, Pa.

Sirocco—Blowers. American Blower Div., American-Standard, 8111 Tireman Ave., Dearborn, Mich.

SJ 23x36—Single color offset press. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

SKF—Ball and roller bearings. SKF Industries, Front St. and Erie Ave., Philadelphia 32, Pa.

SL-100—Offset surface plate lacquer. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

Slic—A pure silicone fluid for preventing type-metal adhesion to molds, liners, vise jaws and spacebands. Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.

Slip-off—Metal eye of pig drops automatically from metal feeder hook. Has a segmented ear at either end. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

Slotted-Eye—Metal pig mold. Imperial Type Metal Co., 1800 S. 54th Ave., Chicago 50, Ill.; 3400 Aramingo Ave., Philadelphia 34, Pa.

Slug-Chec—Dial indicator slug gauge. Alco, Incorporated, Montague, Mass.

Slug-High Sinkers—For prevention of work-ups. Ralph Bancroft Co., 305 S. Fifth Ave., Minneapolis 15, Minn.

Smico—Letterpress and lithographic inks. Sleight Metallic Ink Co., 538 N. 3rd St., Philadelphia 23, Pa.

Snap-Set—Letterpress ink. Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

Snopake—Correction fluid for correcting errors on typewriter composition. Fototype, Incorporated, 1414 W. Roscoe St., St., Chicago 13, Ill.

Solidry—Non-rubbing, hard drying inks and varnishes. Pope & Gray, Inc., 17 Industrial West, Allwood, Clifton, N. J.

Soldan—Bronzing machine. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

Sol-Dor—Solution and automatic numbering machine cleaning unit. Wetter Numbering Machine Co., Div. New Era Mfg. Co., P.O. Box 400, 233 Central Ave., Hawthorne, N. J.

Solotone—Shading sheets for preseparated color copy. Bourges, Inc., 80 Fifth Ave., New York 11, N. Y.

Solv-A-Ton Rx A—For removing hard ink from old plates and all metal. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

Solvent No. 95 — Removes ink from metal. Anchor Chemical Co., 827 Bergen St., Brooklyn 38, N. Y.

Solv-O-Mist—Varnishes and driers. Braznell Company, 5215 Manchester Ave., St. Louis 10, Mo.

SOS Compound—For stopping offset. Braden Sutphin Ink Co., 3650 E. 93rd St., Cleveland 5, O.

Sound Level Meter — Meter for measuring level of noise produced by machinery and equipment. General Radio Co., 22 Baker Ave., West Concord, Mass.

Southworth—Envelope press, humidifiers, trucks, round cornering machines, jogger and punching machines. Southworth Machine Co., 30 Warren Ave., Portland 2, Me.

Spacemaster—Basic register control equipment for platemaking. Carlson, Chesley F., Co., 2240 Edgewood Ave., Minneapolis 26, Minn.

SpaceMaster — Hinged, telescopic truck. Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.

Spartan—Teletypesetter tape. Link Paper Co., 45 Cedar Lane, Englewood, N. J.

SPC—Complete rotogravure equipment from camera to pressroom. Standard Process Corporation, 2704 W. Roscoe St., Chicago 18, Ill.

Special—Stereotype dry mat for newspaper work. Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

Special Panchrome—Photographic dry plates. G. Cramer Dry Plate Co., 1835 Shenandoah Ave., St. Louis 4, Mo.

Special Six — Multiplex punching machine. F. P. Rosback Co., 225 Fifth St., Benton Harbor, Mich.

Spectrum Process—Panchromatic halftone photography dry plates. G. Cramer Dry Plate Co., 1835 Shenandoah Ave., St. Louis 4, Mo.

Speedaumat—Addressing and mailing machines. Addressograph-Multigraph Corporation, 1200 Babbitt Rd., Cleveland 17, O.

Speed-Flex — Printing presses. Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.

Speed-Former—Semi-automatic tipping and collating machine. Farrington Business Machines Corp., Industrial Park, New Bedford, Mass.

Speed King—Letterpress and offset inks. Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Speed King — Rotary newspaper presses. Walter Scott & Co., Inc., 525 South Ave., Plainfield, N. J.

Speed Klect—Gathering and gluing collators. Didde-Glaser, Incorporated, 50 Highway and W. 12th Ave., Emporia, Kan.

SpeedLife—Single stroke mechanical lift truck. Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.

Speed Limited — Halftone black ink. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Speedline — Rubber plate press. E. A. Crawford Co., P.O. Box 2216 Edgewood Sta., Providence 5, R. I.

Speed-Line—Stereotype equipment, matrix molders, saws, routers. Nolan Corp., 1333 E. Dominick St., Rome, N. Y.

SpeedMaster — Portable elevator. Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.

Speedo—Banding press. C. F. Anderson & Co., 3225 Calumet Ave., Chicago 16, Ill.

Speedo—Heat set ink. Hill-Hentschel Company, 3928 Clayton Ave., St. Louis 10, Mo.

Speed-Print—Silk screen process inks. The Sherwin-Williams Co., Graphic Arts Div., 101 Prospect Ave., N. W., Cleveland 1, O.

Speed-set—Geared hand numbering machines. American Numbering Machine Co., Atlantic & Shepherd Aves., Brooklyn 8, N. Y.

Spherekote—A tympan paper coated with microscopic globular glass particles to prevent offset of first impression printing while second impression is made. Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.

Spin-Vac—Spinning Vacuum table. Paul Anderson Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio 9, Tex.

Sphinx—Makeready paste. Arabol Mfg. Co., 110 E. 42nd St., New York 17, N. Y.

Spiral — Collmaking machines, punching dies and threading machines. Spiral Binding Co., Inc., Coliseum Tower, 10 Columbus Circle, New York 19, N. Y.

Spiralistic—Process binding. Spiral Binding Co., 406 W. 31st St., New York 1, N. Y.

Spraymist—Mist coolant equipment for machines. Bijur Lubricating Corp., 151 W. Passaic St., Rochelle Park, N. J.

Spray Scanner—Device for viewing the dispersion of sprayed offset powder. Winton Engineering Co., 2353 May St., Cincinnati, O.

Spring Tongue—Gauge pins. Edward L. Megill Co., 761 Atlantic Ave., Brooklyn 17, N. Y.

Stackers — Portable elevators. Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.

Sta-Hi—Master Former, Master Router, Master Trimmer, Master Matcher, vacuum flat casting boxes, curved mat trimmers and other stereotype machinery. Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.

Stak-Lok—Galley holders. S & M Mfg. Co., 3155 Verdugo Rd., Los Angeles 65, Calif.

Standard Aniliner — Flexographic press. Kidder Press Co., Dover, N. H.

Standard—Cork molder. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

Standard—Stereotype dry mat for newspaper work. Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

Standard—Stick. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

Standard—Typographic numbering machines. Safety lock pawl equipped for any high speed press. American Numbering Machine Co., Atlantic & Shepherd Aves., Brooklyn 8, N. Y.

Standard Process — Rotogravure printing presses, precision grinding and polishing machines, layon or transfer tables, ductor blade grinding machines, layout tables, viewing and cutting stands, retouching stands, vacuum printing frames, rotogravure printing cylinders, rotogravure working screens. Standard Process Corporation, 2704 W. Roscoe, Chicago 18, Ill.

Standard Unitube — High speed newspaper press. The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

Stanlite—Type metal flux. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

Stanogen—Dross reducer. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

Staplecraft—Saddle and side stapling machines and staples. Acme Staple Co., W. Main St., Franklin, N. H.

Star—Automatic quadding attachment for Intertypes and Linotypes. Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.

Star—Cut cement and cut tape and marking ink for plates. Star Cement Co., 11—39th St., Irvington, N. J.

Star—Press. The Kelsey Co., 45 Crown St., Meriden, Conn.

Star—Rubber, synthetic, leather, dampener rollers; molleton covers. Bingham Bros. Co., 406 Pearl St., New York 7, N. Y.

Star — Self-actuating and metal feeder for line casting and typecasting machines. Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.

Star Base Dampener — Rubber litho dampener. Bingham Bros. Co., 406 Pearl St., New York 7, N. Y.

Star Black—High color strength black ink for offset printing. Braden Sutphin Ink Co., 3650 E. 93rd St., Cleveland 5, O.

Sta-Rite—Newspaper bases. Challenge Machinery Co., 19 N. First St., Grand Haven, Mich.

Starstarter — Automatic wrapper feeding device for wrapping newspaper bundles. Toronto Star, Ltd., 275 Albany Ave., Toronto 4, Ont., Can.

Startex—Sleeves for flannel and rubber bases of offset rollers. Bingham Bros. Co., 406 Pearl St., New York 7, N. Y.

Starwrapper — Automatic bottom wrapper feeder. Toronto Star, Ltd., 275 Albany Ave., Toronto 4, Can.

Staticator — Static detection and alarm system. The Hewson Company, Inc., 443 Broad St., Newark 2, N. J.

Statikil—Liquid dressing for the relief of temporary static. Statakil, Incorporated, 1220 W. Sixth St., Cleveland 13, O.

Sta-Warm—Electric automatic glue pots and glue kettles. Sta-Warm Electric Co., 553 N. Chestnut St., Ravenna, O.

Steamaire — Humidifier. Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.

Sten-Sil-Chase—A silk screen attachment for the C. & P. platen press. Naz-Dar Co., 469 Milwaukee Ave., Chicago 10, Ill.

Stephens—Expansion locks, unit grade brass rule. Samuel Stephens & Wickersham Quoin Co., 174 High St., Boston 10, Mass.

Stere-O-Cork—Cork molding blanket. Coyne & Paddock, Inc., 40-09 21st St., Long Island City 1, N. Y.

Stereotype Equipment—Stereotype Equipment Co., 2062 Elston Ave., Chicago 14, Ill.

Sterling—Patent metal base, register hooks, Vee slot hooks, aluminum alloy metal furniture. Printing Machinery Co., 436 Commercial Sq., Cincinnati 2, O.

Stewart-Warner—Instruments, tachometers, gauges. Alemite Div., Stewart-Warner Corp., 1826 Diversey Pkwy., Chicago 14, Ill.

Sticktite—Rubber plate adhesive. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

Stikflat Glue—Bookbinders adhesive. Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

Stitch-A-Fold—Stitching and folding equipment. Macey Company, Sub. of Harris-Intertype Co., 13835 Enterprise Ave., Cleveland 35, O.

Stokograph—Equipment and supplies for plateless raised printing and textile transfers. A. Stokes Co., Stokes Lane, Hudson, O.

Straight-Unit—Rotary newspaper presses. Walter Scott & Co., Inc., 525 South Ave., Plainfield, N. J.

Streamlined—Intertype composing machine. Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 2, N. Y.

Strechtype—A process of transforming a process camera into a photographic reproportioning machine for black and white two-dimensional copy. Graphic Arts Research Foundation, 112 W. Kinzie St., Chicago 10, Ill.

Stripfounders—Hand-finished rule, leads, metal furniture, molds, spaces, quads. Stripfounders, Inc., 4550 S. Federal St., Chicago 9, Ill.

Stripmaster—Hand back stripping machine. Super Speed Printing Machinery, Inc., E. 65th and Euclid, Cleveland 3, O.

Stroboluxe—Stroboscopic light for observing moving mechanisms, printing register, etc. General Radio Co., 22 Baker Ave., West Concord, Mass.

Strobolux — An auxiliary light source for use with Strobotac to produce greater light intensity. General Radio Co., 22 Baker Ave., West Concord, Mass.

Strobotac—Electric eye. General Radio Co., 22 Baker Ave., West Concord, Mass.

Strong—Label cutter. Hobbs Mfg. Co., 26 Salisbury St., Worcester 5, Mass.

Stuebing — Calendar edging machinery and calendar slides. Stuebing Automatic Machine Co., 3424 Beekman St., Cincinnati 23, O.

Suburban—Web fed offset press for small daily papers. Goss Company, The, Div. Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

SUco—Overprint varnish and specialties. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Sulimanco — Job inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Summit — Compound (reducing). General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Sunco—Dry colors. Pigments Div. Sun Chemical Corp., 10-10—44th Ave., Long Island City 1, N. Y.

Super—Extra flexible composition, regular. Godfrey Roller Co., 211 N. Camac St., Philadelphia 7, Pa.

Super Contrast—Dot etching-halftone photography dry plates. G. Cramer Dry Plate Co., 1835 Shenandoah Ave., St. Louis 4, Mo.

Superdense—Offset inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Super-Diamond—Steel floor plate. Alan Wood Steel Co., Conshohocken, Pa.

Super Duro—Photographic method for silk screen process. Sherwin-Williams Co., 101 Prospect Ave., Cleveland 1, O.

Superfine—Autoplate steel pouring sheets. United Stereotype Supply Corp., P.O. Box 38, W. Lynn Mass.

Super Flong—Packless stereotype mat. Wood Flong Corp., Hoosick Falls, N. Y.

Super-Force—Typographical numbering machines. Wm. A. Force Co., 216 Nichols Ave., Brooklyn 8, N. Y.

Supergloss—High gloss inks. Sinclair & Valentine Co., 611 W. 129th St., New York 56, N. Y.

Superior—Cork molder. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

Superior — Gummed packing felt, cork molding blankets. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

Superior — Mitering machine and hand press. Craftsmen Machinery Co., 75 W. Dedham St., Boston 10, Mass.

Superior—Multi-color press, chase size 5 in. by 9 in. for printing tickets, labels and the like. Lockwood's, Inc., 375 Eleventh Ave., Paterson 4, N. J.

Superior — Photoengravers' copper plates. Edes Mfg. Co., Water St., Plymouth, Mass.

Superior — Tailboards. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

Superior Glutex — Gummed packing felt. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

Super "N"—Offset surface plate coating. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

Super-Production—Magazine, rotogravure, and offset presses. R. Hoe & Co., Inc., 910 E. 138th St., New York 54, N. Y.

SUperset — Heat reactive inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Super Speed—Tipper-collator for bindery. Super Speed Printing Machinery, Inc., 742 Sherman St., Chicago 5, Ill.

Superspeed—Slitter and rewinder. Kidder Press Co., Dover, N. H.

Super Stere-O-Cork — Molding blankets. Coyne & Paddock, Inc., 40-09 21st St., Long Island City 1, N. Y.

Super-stik—Gummed packing felt. United Stereotype Supply Corp., P. O. Box 38, W. Lynn, Mass.

OSupersurfacer—Machine with power driven cutter-head to take light surface cut from face of Ludlow slug lines. Ludlow Typograph Co., 2032 Clybourn Ave., Chicago 14, Ill.

Supreme Litho Blacks—Series of offset-lithographic inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

OSupreme Tone-Tex—Direct pressure halftone reproduction dry mats. Burgess Cellulose Co., Foot of Exchange St., Freeport, Ill.

Suprex — Special untoned news black. J. M. Huber Corp., 1478 Chestnut Ave., Hillside, N. J.

OSure Grip—Work holder for Miller saw trimmers. Monomelt Co., 1611 Polk St. N.E., Minneapolis 13, Minn.

Surest — Non-offset compound. Sinclair & Valentine Co., 611 W. 129th St., New York 56, N. Y.

Suretake — Compound. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

S-Utility—Inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

SUtone — Inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

SUveneer—Inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

OS W—21 x 28 Automatic single color letterpress. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

S. W.—Process silk screen colors. Sherwin-Williams Co., Graphic Arts Div., 101 Prospect Ave., N.W., Cleveland 1, O.

Schwede—Gravure auxiliary equipment. Henry P. Korn, Associated, Inc., 5 Beekman St., New York 38, N. Y.

Sweigard Ideal — Printing frames for photoengravers. Max Levy & Co., Wayne Ave. and Berkley St., Philadelphia 44, Pa.

Swifter Lifter — Electric portable elevator 1 to 5 h.p. motor. Economy Engineering Co., 4511 W. Lake St., Chicago 24, Ill.

SWW — Paper knives. Simonds, Worden, White Co., Dayton 7, O

OSY-27x41—Automatic single color letterpress. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

OSynchros—Ink, process colors. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

OSyncro—Inking system to improve inking by synthetic form rollers. Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.

Syncrogear—Geared motor. U. S. Electrical Motors, Inc., 200 Slauson Ave., Los Angeles 54, Calif.

OSyndicate—Dry mat for syndicating purposes. Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

OSynthocraft Rollers — Synthetic rubber rollers for lithographic presses. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

OSynthox Full Synthetic — Rollers for use as both form and distributing rollers on all presses from small highspeed jobbers to large rotary presses. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

Syntron—Paper joggers. Syntron Co., 577 Lexington Ave., Homer City, Pa.

Systemat — Duplicating master. Addressograph-Multigraph Corporation, 1200 Babbitt Rd., Cleveland 17, O.

T

Tabletine—Padding cement. Godfrey Roller Co., 211 N. Camac St., Philadelphia 7, Pa.

Takewell—Anti-crystallizing compound. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Takk—Neutralizing bar for eliminating static electricity in printing presses. Takk Corporation, Newark, O.

Tally-Tab—Automatic sheet counter and marker. Miller-Lauffer Printing Equipment Corp., 280 Lafayette St., New York 12, N. Y.

OTandemer—Roll-fed offset printing presses. Didde-Glaser, Inc., 50 Hgwy. and W. 12th Ave., Emporia, Kan.

OTantone — Synthetic lithographic rollers. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 12, Ill.

Tarpley—Routing bits for electrotypers, photoengravers and stereotypers. George Tarpley Co., The, P.O. Box 245, Chesterland, O.

Tasope — Photoengraving equipment, complete plants, process cameras, metal printing and etching units. The Tasope Co., Tasope Bldg., Aurora, Mo.

Tauber—Plastic and mechanical binding materials and equipment. Tauber Plastics, Inc., 200 Hudson St., New York 13, N. Y.

Tee-Jay—Paste. Arthur S. Hoyt Co., 175 Fifth Ave., New York 10, N. Y.

OTeletypesetter—Automatic operating apparatus for line-composing machines. Fairchild Graphic Equipment, Div. Fairchild Camera & Instrument Corp., Fairchild Dr., Plainview, L. I., N. Y.

Tenamat — Electrotype molding medium. Tenak Products Co., 2615 N. Paulina St., Chicago 14, Ill.

Tenamold — Electrotype molding material. Tenak Products Co., 2615 N. Paulina St., Chicago 14, Ill.

Tenanews — Packless stereotype mat backing. Tenak Products Co., 2615 N. Paulina St., Chicago 14, Ill.

Tenanon—Packless stereotype mat. Tenak Products Co., 2615 N. Paulina St., Chicago 14, Ill.

Tenaplate—Electrotypers' molding composition. Tenak Products, Inc., 2615 N. Paulina St., Chicago 14, Ill.

Tenace—Guard for photoengraving, electrotype and stereo saws. Brett Guard Co., 456 Nordhoff Place, Englewood, N. J.

OTensionplate Automiller—For milling press plateholder pockets in curved newspaper stereotype plates. Wood Newspaper Machinery Corp., 688 Second Ave., Plainfield, N. J.

Tesch—Knife and saw filing and swaging machines and saw trimmers. Tesch Mfg. Co., 2121 N. Drew, Appleton, Wis.

Thermo—Tin printing inks. Crescent Ink & Color Co. of Pa., 464 N. Fifth St., Philadelphia 23, Pa.

OThermo-Blo—Mold cooling device Linotypes. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

OThermomat — Thermosetting matrix board for rubber plate production. Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

OTherm-O-Set — Gummed packing felt. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

OTherm-O-Set Fuzon — Gummed packing felt. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

Thermoswitch — Heat control switches for linecomposing and stereotype metal pots. Fenwal, Incorporated, Pleasant St., Ashland, Mass.

O"33"—Letterpress ink conditioner. Central Compounding Co., 1718 N. Damen Ave., Chicago 47, Ill.

Thompson — Composing room, bindery and special wood equipment. Thompson Cabinet Co., Laura St., Ludington, Mich.

Thomson—Cutting and creasing presses, embossing presses, electric die-heaters. Thomson-National Press Co., Dean Ave., Franklin, Mass.

3M—Adhesives; offset plates and chemicals; letterpress make-ready system; dampening rollers and sleeves. Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.

Timken—Tapered roller bearings. Timken Roller Bearing Co., Canton 6, O.

OTingue Cork—Cork blanket with fabric both sides. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

OTingue—Felt, plain and coated with synthetic compound. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

Tint-print — Process for making double prints on engravers' metal. Harold M. Pitman Co., 3239 S. 51st Ave., Cicero 50, Ill.

Ti-Pi—Rubber printing plate materials and cutting tools. Ti-Pi Co., 1000 Broadway, Kansas City 5, Mo.

Tipmaster — Electric glue tipper for snapout forms. Pierce Specialized Equipment Co., 350 Peninsular Ave., San Mateo, Calif.

Tippy—Semi-automatic tipping and collating machines. Farrington Business Machines Corp., Industrial Park, New Bedford, Mass.

Tippy—One-time carbon binding machine. J. Curry Mendes Corp., New Bedford Industrial Park, New Bedford, Mass.

Tirfing 48—Single color cylinder letterpress. Tirfing Printing Machinery, Inc., 400 Delancy St., Newark 5, N. J.

Tirfing 41—Single color cylinder letterpress. Tirfing Printing Machinery, Inc., 400 Delancy St., Newark 5, N. J.

OToggle—Patent metal base, register hooks, Vee slot hooks, aluminum alloy metal furniture. Printing Machinery Co., 436 Commercial Sq., Cincinnati 2, O.

OToledo—A composing room saw trimmer. Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.

OTone-Tex — A stereotype mat. Burgess Cellulose Co., Foot of Exchange St., Freeport, Ill.

Ton-Trx — Belting for Miehles, Dexter feeders and folders. Special belts for Linotypes and Intertypes. Ton-Tex Corp., 247 Pearl St. N.W., Grand Rapids 2, Mich.

Top—Drawsheet 0.024 and 0.030 gauge. Synthetic coating. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

Tork—Clock switches. Tork Time Controls, Inc., 11 Grove St., Mt. Vernon, N. Y.

OTotalux—Electronic timing device for photoengraving, offset and gravure platemakers. General Electric Co., 1 River Rd., Schenectady, N. Y.

OTough Temper—Dies for die-cutting. J. A. Richards Co., 903 N. Pitcher St., Kalamazoo 60F, Mich.

Tower of Strength—Type metal. National Lead Co., 111 Broadway, New York 6, N. Y.

OTPJ—Two color perfector offset press. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

OTrailblazer—Webfed offset presses. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

OTranskrit — Hot spot carbonizing process. Transkrit Corporation, 704 Broadway, New York 3, N. Y.

Translight—Cold grid copyboard illuminator and light source for slow exposures and pre-sensitized plates. Unitronics Div., Lanston Industries, Inc., G St. below Erie Ave., P. O. Box 4768, Philadelphia 34, Pa.

Translucent—A stereotype molding board. United Stereotype Supply Co., P.O. Box 38, W. Lynn, Mass.

Transopaque—Shading sheets for pre-separated color copy. Bourges Color Corp., 106 Fifth Ave., New York 11, N. Y.

Transparotype — Clear acetate proofs of type for reproduction. Graphic Arts Research Foundation, 112 W. Kinzie St., Chicago 10, Ill.

Travel-Grip—Tympan paper. Miami Valley Coated Paper Co., Franklin, O.

Treated Jute — Tympan paper. Riegel Paper Corp., 260 Madison Ave., New York 16, N. Y.

Treyco—Sharpening fixture and stand for grinding saws. Treyco Products Co., 149 Longmeadow Rd., Buffalo 26, N. Y.

Triangle — Printing and lithographic inks. Triangle Ink & Color Co., 329 E. 29th St., New York 16, N. Y.

OTri-Clad—Motors. General Electric Co., 1 River Rd., Schenectady 5, N. Y.

OTri-Color — Three color overhead camera. Robertson Photomechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.

Tri-dimensional — Process inks. Sleight & Helmuth, Inc., 900 S. Clinton St., Chicago 7, Ill.

OTrik —Quickset ink conditioner. Central Compounding Co., 1718 N. Damen Ave., Chicago 47, Ill.

OTrimOsaw—Composing room saw-trimmer. Hammond Machinery Builders, Inc., 1604 Douglas Ave., Kalamazoo 54, Mich.

Trim-See—Guard for composing room saws. Brett Guard Co., 456 Nordhoff Place, Englewood, N. J.

Triple-Action—Composing machine mold polish. Joseph Dixon Crucible Co., 167 Wayne St., Jersey City 3, N. J.

Triplemetal 100 — Photoengravers' alloy plate. Revere Copper and Brass, Inc., Edes Manufacturing Div., Plymouth, Mass.

Tri-Power—Arc lamp for photoengraving, offset and silk screen. The Strong Electric Corp., 87 City Park Ave., Toledo 1, O.

OTri-Q—Toaster for stereotype mats. Tri-Q, Incorporated, 1911 Penn Mar Ave., El Monte, Calif.

Triumph—Composing room, stereotype and pressroom equipment. Triumph Equipment Engineers, 6506 Walker St., Minneapolis 26, Minn.

Troy—Ink mills and mixers. Troy Div. of Skinner Engine Co., 333 West 12th St., Erie 6, Pa.

Tru-Kote — Direct image plate, paper master. Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

OTrumax—Molding press for molding rubber and plastic matrices and plates, electrotype molding and stereotype mats. Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.

OTrumold—Stereotype cork molding blanket. Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, New York.

Trump—Paste. Arthur S. Hoyt Co., 175 Fifth Ave., New York 10, N. Y.

OTubular—Rotary stereotype press and tubular stereotype machinery. The Goss Company, Div. of Miehle - Goss - Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

Tufcrete—Floor maintenance materials. Tufcrete Company, Inc., 502 E. Locust St., Des Moines 9, Ia.

Tufhide — Metal decorating inks. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

Turbinaire—Zinc etcher. U. S. Stoneware Co., Tallmadge Ave., Akron 9, Ohio.

Turner—Safety guards and quoins. Turner Printing Machinery, Inc., 2630 Payne Ave., Cleveland 14, O.

Turpaque—Negative opaque. Ulano Graphic Arts Supplies, Inc., 610 Dean St., Brooklyn 38, N. Y.

OTW 21x28—Two color letterpress. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

O20/20 — Overprint varnish. Central Compounding Co., 1718 N. Damen Ave., Chicago 47, Ill.

O28 x 41CY — Cutter and creaser. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

Twin Oaks—Spaceband cleaning machine. Hartzell Machine Works, Market St. and Bethel Rd., Chester, Pa.

Twin-Type — Water-cooled molds with cavities above and below to cast slip-off ingots. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

OTwistite—Push pull quick acting vise. J. A. Richards Co., 903 N. Pitcher St., Kalamazoo 60F, Mich.

OTwo-in-One—Mixer Linotypes on which both 72 and 90 channel magazines may be used simultaneously. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

OTY 27x41—Two color letterpress. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

Type-&-Rule Caster — Casts type, ornaments, individual borders, quads, spaces for hand composition in all sizes from 1½ to 12 pts. Lanston Monotype Co., Div. Lanston Industries, Inc., G St. below Erie Ave., P. O. Box 4768, Philadelphia 34, Pa.

Typecast — Cuts. Sterling Type Foundry, Charlotte, Mich.

Typeclean—Wash for type. Godfrey Roller Co., 211 N. Camac St., Philadelphia 7, Pa.

Tygon—Acid proof paints. U. S. Stoneware Co., Tallmadge Ave., Akron 9, O.

Tymotherm — Time controls for heating elements. Tork Time Controls, Inc. 11 Grove St., Mt. Vernon, N. Y.

Typocraft — Synthetic rollers for typographic presses. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

Typ-O-Writer — Portable electric keyboard with typewriter arrangement of keys for use with linecasting machines. Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.

Typro — Portable photolettering machine. Halber Corporation, 4151 Montrose Ave., Chicago 41, Ill.

Tyton—Halftone blacks. Canada Printing Ink Co., 15 Duncan St., Toronto, Canada.

Tyups—For bundling newspapers for delivery. The Tie Co., 14 Depot St., Unadilla, N. Y.

U

Ulano — Vinyl base silk screen films, photomechanical masking film. Ulano Graphic Arts Supplies, Inc., 610 Dean St., Brooklyn 38, N. Y.

Ulano Swivel—Swivel knife for cutting masks, films, stencils, etc. Ulano Graphic Arts Supplies, Inc., 610 Dean St., Brooklyn 38, N. Y.

Ultra-Force Typographs — High-speed all-purpose, newly developed typograph designed for handling almost all kinds of standard numbering jobs. Wm. A. Force & Co., 216 Nichols Ave., Brooklyn 8, N. Y.

Ultra-Precision—Bearings. Norma-Hoffman Bearings Corp., Stamford, Conn.

Ultra-Viscoson — Viscometer for controlling solvent added to ink reservoirs in gravure and flexographic printing and in lacquer coating. Bendix Corporation, Cincinnati Div., 3130 Wasson Rd., Cincinnati 8, O.

Ultropaque—Inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Umixit—Gold ink. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Uni-Base—Magnesium base for mounting photoengravings, electrotypes and stereotype plates. Klingman Precision Metals Co., Inc., P. O. Box 427, Louisville, Ky.

Unibase—Plate mounting base. Wells Manufacturing Co., 1701 S. Main St., South Bend 23, Ind.

Uniclosed—Motors. U. S. Electrical Motors, Inc., 200 E. Slauson Ave., Los Angeles 54, Calif.

Unifio—Ink fountain. Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.

Union—Press. The Kelsey Co., 45 Crown St., Meriden, Conn.

Unique — Steel register system, block, hooks, plate mounting equipment. Unique Steel Block Co., Inc., 304 Chemung St., Waverly, N. Y.

Unisorb — Vibration eliminating material. The Felters Company, Unisorb Div., 210 South St., Boston 11, Mass.

Unit—Rotogravure press. Kidder Press Co., Dover, N. H.

United American — Type metals. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

U. S. Autostart—Motors. U. S. Electrical Motors, Inc., 200 E. Slauson Ave., Los Angeles 54, Calif.

U. S. Varidrive — Motors. U. S. Electrical Motors, Inc., 200 E. Slauson Ave., Los Angeles 54, Calif.

Uni-Damp—Seamless offset dampener roller covers. Jomac, Incorporated, 6128 N. Woodstock St., Philadelphia 38, Pa.

Unilight—Arc lamp adapter. Henry P. Korn Associated, Inc., 5 Beekman St., New York 38, N. Y.

Unitronics—A device for counting sheets when stacked. Unitronics Div., Lanston Industries, Inc., G St. below Erie Ave., P. O. Box 4768, Philadelphia 34, Pa.

Unitube—Rotary newspaper printing press. The Goss Company, Div. of Miehle - Goss - Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

Unitubular — High speed rotary newspaper press. The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

Universal — Jogging machines. Southworth Machine Co., 30 Warren Ave., Portland 2, Me.

Universal — Mono-tabular broach for setting rule forms. Universal Mono-Tabular Corp., 715 N. Central Expressway, Richardson, Tex.

Universal—Single width semi-cylindrical rotary printing press. The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

Universal—Strip caster. Universal Mono-Tabular Corp., 715 N. Central Expressway, Richardson, Tex.

Universal — Vertical brass rule used with mono-tabular broach. Universal Mono-Tabular Corp., 715 N. Central Expressway, Richardson, Tex.

Universal Intertype—Trade name for model of Intertype line composing machine. Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 2, N. Y.

Universal Peerless — Oblong hole rotary perforating machine. Nygren-Dahly Co., 1422 Altgeld St., Chicago 14, Ill.

Universal Precision Knife Block—With separate micrometer adjustments of each point size from 5 pt. to 45 pt. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Uplifter—Portable elevator. Revolvator Company, Tonnele Ave., North Bergen, N. J.

Uprightgrain Base—A wood tacking base for mounting electrotypes. J. W. Pitt, Inc., 3 Exchange St., Bath, N. Y.

Utility — Grippers for a platen press. Chester L. Lance Co., 620 Browder St., Dallas 1, Tex.

Utility—Hand paper cutter. Payyer Printing Machine Works, 600 S. Broadway, St. Louis 2, Mo.

V

Vandercook—Proof presses, test presses, dry offset press, block leveller, type, slug and plate gauges, makeup gauge, test blocks, Lite-Base mounting system, plate mounting gauge. Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.

Vapolith — Offset instantaneous heat-dried inks. Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Vaporin — Drying units for Vaporin for high speed presses. Belas Corp. of America, Dresher, Pa.

Vaporin — Letterpress instantaneous heat-dried ink. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Vaposet—Inks which set quickly under application of steam or water vapor. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Varidrive — Variable speed unit. U. S. Electrical Motors, Inc., Los Angeles 54, Calif.

Varidyne — Controlled speed system. U. S. Electrical Motors, Inc., Los Angeles 54, Calif.

Vario-Klischograph—Enlarging, reducing, color separating and correcting machine. HCM Corporation, 80 Varick St., New York 13, N. Y.

Vari-Typer—Justifying typewriter for preparation of copy for photo offset reproduction. Vari-Typer Corporation, 720 Frelinghuysen Ave., Newark 5, N. J.

Veeder-Root — Press counters. Veeder-Root, Inc., 70 Sargeant St., Hartford 2, Conn.

Velo — Cold-set ink and printing process. J. M. Huber Corp., 1478 Chestnut Ave., Hillside, N. J.

Velvee—Gum glaze remover and rubber rejuvenator for composition and rubber rollers and blankets. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

Velvet Multi—Compound (Reducing). General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Velvet—Quick setting liquid. The Inco Company, 2372 W. Seventh Ave., Cleveland 13, O.

Velveteen—Rollers. Bingham Bros. Co., 406 Pearl St., New York 7, N. Y.

Vent-A-Flex—Perforated gummed packing felt. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

Ventura—Fans, ventilating and exhausting. American Blower Div. of American-Standard, 8111 Tireman Ave., Dearborn, Mich.

Verse-print — Process for making reverse prints on engravers' metal. Harold M. Pitman Co., 3239 S. 51st Ave., Cicero 50, Ill.

Vertical—Small size, vertical type, job cylinder press. The Miehle Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

Verti-Co—Automatic vertical collating machine. Business Machines Corp., Industrial Park, New Bedford, Mass.

Vibration Meter—For measuring the displacement velocity and acceleration components of vibration in machinery and produced in structures by machinery. General Radio Co., 22 Baker Ave., West Concord, Mass.

Victor—Press. The Kelsey Co., 45 Crown St., Meriden, Conn.

Victory — Mitering machine and hand press. Craftsman Machinery Co., 75 W. Dedham St., Boston 10, Mass.

Viking 48 — Single color cylinder letterpress. Tirfing Printing Machinery, Inc., 400 Delancy St., Newark 5, N. J.

Viking 41—Single color cylinder letterpress. Tirfing Printing Machinery, Inc., 400 Delancy St., Newark 5, N. J.

Vinylite Molded — Electrotypes. Reilly Electrotype Co., Div. of Electrographic Corp., 305 E. 45th St., New York 17, N. Y.

Virkotype—Thermographic equipment and supplies. Virkotype Corporation, 111 Rock Ave., Plainfield, N. J.

Visco—Underlay paste. Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.

Viscosel—Automatic solvent addition to maintain viscosities of inks, adhesives, lacquers and coating materials. Pneuma-Flo Systems, Inc., 127 W. 24th St., New York 11, N. Y.

Visgard — Viscosity control unit, viscometer. Graymills Corporation, 3705 N. Lincoln Ave., Chicago 13, Ill.

Visilite—Magazines for Intertype composing machines. Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 2, N. Y.

Vitaflux—A type metal flux and cleaner. Imperial Type Metal Co., 1800 S. 54th Ave., Chicago 50, Ill.; 3400 Aramingo Ave., Philadelphia 34, Pa.

Vitalloys — Special low temperature casting type metals for Monotypes and Thompson casters. Imperial Type Metal Co., 1800 S. 54th Ave., Chicago 50, Ill.; 3400 Aramingo Ave., Philadelphia 34, Pa.

Vitaplate — Zinc alloy engraving metal for both Dow Etch process and for conventional nitric etching. Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.

VitasolV—Chemical bath for combination etching of photoengraving. Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.

Vitene—Rubber blanket and roller rejuvenator. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Vulcan—Newspaper cylinder packing, offset blankets and rollers. Reeves Brothers Inc., Vulcan Rubber Products Div., 54 Worth St., New York 13, N. Y.

Vulcan Composition—Non-meltable glue and glycerine printers' roller. Sam'l Bingham's Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.

Vulcolastic—Rollers for newspaper and magazine presses. Reeves Brothers Inc., Vulcan Rubber Products Div., 54 Worth St., New York 13, N. Y.

W

Waite—Sheet-feed gravure press. Cronite Company, Inc., 8070 Hudson Blvd., North Bergen, N. J.

Waite Inverted — Die stamping press. The Cronite Company, Inc., 8070 Hudson Blvd., North Bergen, N. J.

Walbert—Skid lift. Walbert Machine Co., 819 E. 19th St., Kansas City 8, Mo.

Walton—Air conditioning and dehumidifying equipment. Walton Laboratories, Inc., 1186 Grove St., Irvington 11, N. J.

Warnock—Patent metal base, register hooks, Vee slot hooks. Printing Machinery Co., 436 Commercial Sq., Cincinnati 2, O.

Warren Metal Feeders—Missouri-Central Type Foundry, 703 E. Murdock Ave., P.O. Box 2066, Wichita, Kan.

Washtone — Shading medium. Craftint Mfg. Co., 1615 Collamer Ave., Cleveland 10, O.

Watson—Press. The Kelsey Co., 45 Crown St., Meriden, Conn.

Waxwell—Bottle cap inks. J. M. Huber Corp., 1478 Chestnut Ave., Hillside, N. J.

Weathermakers—Carrier air conditioning, refrigerating, space heating machinery. Carrier Corp., Carrier Pkwy., Syracuse, N. Y.

Webendorfer — Offset presses, equipment and supplies. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Webmaster—Unit type newspaper press drive. Cutler-Hammer, Incorporated, 315 N. 12th St., Milwaukee 1, Wis.

Wee Notch — Carbon interleaved printed forms. General Manifold & Printing Co., Franklin, Pa.

Wellborn—Grained offset plates. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

Wellite — Plate mounting base. Wells Manufacturing Co., 1701 S. Main St., South Bend 23, Ind.

Wesel—Equipment for the photoengraver, electrotyper, stereotyper and lithographer. Wesel Mfg. Co., 1141 N. Washington Ave., Scranton 9, Pa.

Western—Static eliminator. Western Brush Co., Inc., 219 S. Western Ave., Chicago 12, Ill.

Weston — Thermometers, photographic analyzers and tachometers. Weston Electrical Instrument Corp., 614 Frelinghuysen Ave., Newark 12, N. J.

Wetter—Typographic numbering machine: reverse-end midget, condensed, duplex, large-figure, cash sales slip, ¾-inch wide, center-driven, one-inch, over type high, rotary press, special. Wetter Numbering Machine Co., Atlantic Ave. & Logan St., Brooklyn 8, N. Y.

Whirlaway—Dust and chip deflector for Autoplate machines. Wood Newspaper Machinery Corp., 688 Second St., Plainfield, N. J.

Whirly-Sig—Magnetic ink tester and meter. Ballantine Laboratories, Boonton, N. J.

White—Paper trimming knives. Simonds Worden White Co., Summit St. & Negley Pl., Dayton 7, O.

Wickersham — Quoins. Samuel Stephen & Wickersham Quoin Co., 174 High St., Boston 10, Mass.

○**Wide Range**—Trade name for several Linotype models equipped with wide standard magazines. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Wild & Stevens — Letterpress, newspaper and offset rollers. Wild & Stevens, Inc., 45 Industrial Place, Newton Upper Falls 64, Mass.

○**Wilson**—Adjustable blocks, patent base for book work. Challenge Machinery Co., 19 N. First St., Grand Haven, Mich.

Wing Mailer—For placing address labels on mailing pieces. Chauncey Wing's Sons, 78 Pierce St., Greenfield, Mass.

Winton—Dry powder offset eliminator and dry powder. Retractable board holder. Winton Engineering Co., 2353 May St., Cincinnati, O.

Winton—Board and sheet markup and inspection table. Winton Engineering Co., 2353 May St., Cincinnati, O.

Wipe-O — Wipe-on surface plate process. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

Wiroveyor — Engineered conveyor systems. Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J.

Wiretyer — Automatic wiretying machines for bundles and stacks of newspapers. Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J.

Wolverine—Flexographic printing presses. Wolverine Converting Machinery Corp., 18584 Fitzpatrick Ave., Detroit 28, Mich.

○**Wonder**—Black ink. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Wonder—Non-offset spray solution. Sleight Metallic Ink Co., 538 N. 3rd St., Philadelphia 23, Pa.

Wonpreshun—Opaque white. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

○**Wood Green Bake Mat**—Direct pressure stereotype mat. Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

○**Wood Heavy Duty** — Newspaper press. Wood Newspaper Machinery Corp., 688 Second St., Plainfield, N. J.

○**Wood ROP Color Mat**—Stereotype mat designed especially for ROP color reproduction. Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

○**Wood**—Dry mats (flongs) for stereotyping. Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

○**Wood**—Steel web newspaper presses and stereotyping equipment. Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

Worden—Paper trimming knives. Simonds Worden White Co., Summit St. & Negley Pl., Dayton 7, O.

Wotta Black — Series of non-scratch, quick setting, minimum offset inks for platen and cylinder presses. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

W-R—Non-offset spray wax. Wax Refining Co., 2001 S. California Ave., Chicago 8, Ill.

W-R—Wax conditioner for press color inks. Wax Refining Co., 2001 S. California Ave., Chicago 8, Ill.

Wynnliner — Gold hot stamping presses. Wynn Manufacturing Co., Seventh and Green Sts., Philadelphia 23, Pa.

X

XL—Power saws with trimmers. Missouri-Central Type Foundry, 703 E. Murdock Ave., P. O. Box 2066, Wichita 1, Kan.

Y

○**Yankee**—A composing stick. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

YES — Bookbinders equipment. Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

York—Air conditioning equipment. York Corp., York, Pa.

Young—Special presses for printing on any material, including punching, slitting, perforating, etc. Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill.

Y-Poff — Offset inks. Braxnell Company, 5215 Manchester Ave., St. Louis 10, Mo.

Z

Zenith—Cork stereotype molding blanket. United Stereotype Supply Corp., P. O. Box 38, W. Lynn, Mass.

Zenith—Plate graining and plate whirling machines. Zarkin Machine Co., 34-19 Tenth St., Long Island City 6, N. Y.

Zephyr—Quick drying halftone and offset inks. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

○**Zinc-Matic**—Powderless zinc etching machine. Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

○**Zink**—Cement for mounting cuts. E. A. Booth Rubber Co., 2855 Scarborough Rd., Cleveland Heights 18, O.

Zip-Dri—Work and turn letterpress inks. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

Zomag — (Dowmetal) — Photoengravers' plates. Atlantic Zinc Works, Div. Ball Bros. Co., and Rolled Plate Metal Co., 210 Van Brunt St., Brooklyn 31, N. Y.

Zomo-Electric Zinc — Photoengravers plates. Atlantic Zinc Works, Div. Ball Bros. Co., and Rolled Plate Metal Co., 210 Van Brunt St., Brooklyn 31, N. Y.

***Printing Production* Filing System**

1961

Manufacturers', Suppliers' and Dealers' Index

FOR PRINTING'S MANAGEMENT, PRODUCTION AND MECHANICAL EXECUTIVES

○ Indicates advertiser. See Advertisers' Index, Pages B-C-D.

Every effort has been exerted by the compilers of this index to see that the information given herein is correct in every particular. For that reason PRINTING PRODUCTION cannot be responsible for errors or omissions. Corrected and revised December, 1960.

A

Abbeon Supply Co., 179-15 Jamaica Ave., Jamaica 32, N. Y. Industrial humidifying and dehumidifying equipment; magnifying and reducing glasses.

Abrams, The M. L., Co., 1841 Prospect Ave., Cleveland 15, O. Remanufactured machinery; type and supplies and new machinery.

Accurate Steel Rule Die Mfrs., 22 W. 21st St., New York 10, N. Y. Steel rule dies and embossing dies, die cutting jackets.

Ace-Sycamore, Incorporated, 448 DeKalb Ave., Sycamore, Ill. Portable electric blowers for cleaning type cases, motors and presses.

Acheson Dispersed Pigments Co., 1421 Chestnut St., Philadelphia 2, Pa. Inks for printing on vinyl and other flexible plastics, compounds.

Acme Electric Heating Corp., 97-99 Reading St., Boston 19, Mass. Glue pots and metal melting heaters.

Acme Gear & Machine Co., Seventh and Wood Sts., Philadelphia 6, Pa. Anti-offset equipment.

Acme Gravure Services Inc., 4001 Industrial Ave., Rolling Meadows, Ill. Etching rotogravure cylinders, including copper and chrome plating and proofing.

Acme Printing Appliance Co., The, 9455 Seymour Ave., Schiller Park, Ill. Gas and electric heaters for printing presses; vibrating distributors, fountain dividers, perforators.

Acme Staple Co., W. Main St., Franklin, N. H. Saddle and side stapling machines, staples.

Acme Steel Co., 135th St. & Perry Ave., Chicago 27, Ill. Wire stitchers.

Addressograph-Multigraph Corporation, 1200 Babbitt Rd., Cleveland 17, O. Offset presses, addressing and mailing equipment.

Aetna Paper Co., Div., Howard Paper Mills, Inc., 115 Columbia St., Dayton, O. Bond, ledger, book and specialty papers.

Aids Development Co., Inc., 16560 Elderdale Dr., Cleveland 30, O. Printing press fountain controls and dark room solution dispensers.

Aigner, G. J., Co., 426 S. Clinton St., Chicago 7, Ill. Indexes, index tabs, blank index tabbing, insertable tabs, index shields.

○Alan Wood Steel Co., Conshohocken, Pa. Safety steel floors for plate foundry and pressroom.

Albany Grease Co., Linden, N. J. Lubricants.

Alemite Div., Stewart-Warner Corp., 1826 Diversey Pkwy., Chicago 14, Ill. Lubricating equipment, tachometers.

Alco, Incorporated, Montague, Mass. Roller stock adapters for presses to convert into ball bearing type; infra-red stereotype mat driers; depth measuring microscope; thickness, depth and width and color register checking instrument; inking roller durometers; impression gauges; dial indicator slug gauge; illuminated magnifier for color register; mat trimmer for color and black stereo mats.

All Purpose Roll Leaf Corp., 37 W. Century Rd., Paramus, N. J. All purpose roll leaf for stamping covers; hot die stamping foils.

Allied Printing & Binding Machinery Co., 3767 Chester Ave., Cleveland 14, O. New and used machinery; repairing.

Altair Machinery Corp., 55 Vandam St., New York 13, N. Y. Foil stamping machines; round corner cutters; bag making machines.

Alteneder, Theo., & Sons, 1217 Spring Garden St., Philadelphia 23, Pa. Stainless steel printing layout and platemaking measuring instruments and scales.

Aluminum Co. of America, 1501 Alcoa Bldg., Pittsburgh 19, Pa. Abrasive surface aluminum tread plates for floors and stairs; laminated foil for printing.

American Automation, Inc., 175 W. Jackson Blvd., Chicago 4, Ill. Single and multi-color silk screen presses.

American Bronzing Machine Works, Inc., 145 Nassau St., New York 38, N. Y. Flat bronzing machine for attachment to printing presses.

American Cotton Products Co., 2516 S. Damen Ave., Chicago 8, Ill. Wiping cloths; molleton roller covers; sponges.

American Evatype Corp., 749 Osterman Ave., Deerfield, Ill. Rubber and plastic platemaking equipment; bag making equipment and supplies; box and carton equipment and supplies.

American Graphic Arts Machinery Co., Inc., 132 Nassau St., New York 38, N. Y. Machinery dealers.

American Numbering Machine Co., Atlantic and Shepherd Aves., Brooklyn 8, N. Y. Numbering machines.

American Perforator Div., Heller Roberts Mfg. Corp., 700 Jamaica Ave., Brooklyn 8, N. Y. Perforators.

○American Publishers Supply, Inc., P.O. Box 421, Lynnfield, Mass. Composing, stereotype and pressroom equipment and supplies.

○American Roller Co., 1342 N. Halsted St., Chicago 22, Ill. Printers' rollers and adhesives, glue.

American Sanitary Rag Co., 336 W. 37th St., Chicago, Ill. Wiping cloths.

American Solder Flux Co., 19th & Willard Sts., Philadelphia 40, Pa. Fluxes for type, stereotype and electrotype metals.

American Speedlight Corp., 63-01 Metropolitan Ave., Middle Village 79, L. I., N. Y. Xenon pulsed arc light for camera-copyboard and printing frame illumination.

American-Standard, Industrial Division, 8111 Tireman Ave., Dearborn, Mich. Air conditioning equipment and supplies.

American Steel & Wire Div., U. S. Steel Corp., 614 Superior Ave., N.W., Cleveland 13, O. Bookbinders wire.

○American Steel Chase Co., 31-31 —48th Ave., Long Island City 1, N. Y. Chases, saw trimmers, trucks, rules, galleys, cutters, mitering machines.

American Tape Co., 4058 Beaufait Ave., Detroit 7, Mich. Pressure sensitive tapes.

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J. Printing presses; foundry type; pressroom, bindery and composing room equipment. Branch Offices: 200 Varick St., New York 14, N. Y.; 728 Spring St., N.W., Atlanta 8, Ga.; 519 W. Monroe St., Chicago 6, Ill.; 360 Golden Gate Ave., San Francisco 2, Calif.; 273-285 Congress St., Boston 10, Mass.; 1530 E. 19 St., Cleveland 14, O.; 20 E. Ninth St., Cincinnati, O.; 604 S. Akard St., Dallas 2, Tex.; 1314 W. Ninth St., Los Angeles 15, Calif.; 207-209 N. Broad St., Philadelphia 2, Pa.; and 1931 Washington Ave., St. Louis 3, Mo. Sales Offices: Providence 3, R. I.; Rochester 4, N. Y.; Baltimore 2, Md.; Pittsburgh 12, Pa.; Washington, D. C.; Buffalo, N. Y.; Detroit 26, Mich.; Grand Rapids 2, Mich.; Toledo 4, O.; Columbus 15, O.; Indianapolis, Ind.; Louisville 2, Ky.; Chattanooga, Tenn.; Hialeah, Fla.; Richmond, Va.; Des Moines 9, Ia.; Milwaukee 2, Wis.; Minneapolis 2, Minn.; Omaha 2, Neb.; Kansas City, Mo.; Portland 5, Ore.; Seattle 4, Wash.; New Orleans, La., and in the Rocky Mountain area: A. E. Heinsohn, 1443 Blake St., Denver 2, Colo., with offices in Salt Lake City, Utah, Phoenix, Ariz., and Albuquerque, N. M.

American Wood Products & Tool Supply, 705 Montclair Ave., Edwardsville, Ill. Carbide tipped saw blades for cutting printers' metal and router bits.

American Wood Type Mfg. Co., 42-25 Ninth St., Long Island City 1, N. Y. Wood type-rules, borders and tint blocks; stapling machines.

American Writing Paper Corp., 10 Eagle-A Ave., Holyoke, Mass. Bond, ledger, bristol, book, offset, cover, parchment, postcard, mimeograph, manifold and specialty papers.

Ameurope, Incorporated, 1199 Broadway, New York 1, N. Y. Typographic numbering machines and marking devices.

Ampress, Incorporated, 910 E. 138th St., New York 54, N. Y. Machinery dealers.

Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y. Foundry type, cylinder label and gravure presses, offset proof presses, graining machines, and machinery dealers.

Amthor Testing Instrument Co., Inc., 43 Van Sinderen Ave., Brooklyn 7, N. Y. Testing instruments and time recorders.

Anaconda American Brass Co., 414 Meadow St., Waterbury 20, Conn. Copper anodes.

Analytical Measurements, Inc., 585 Main St., Chatham, N. J. pH meters.

○Anchor Chemical Co., Inc., 827-837 Bergen St., Brooklyn 38, N. Y. Chemicals, solvents and specialties for the graphic arts.

Anderson, C. F., & Co., 3225 Calumet Ave., Chicago 16, Ill. Trucks, folders and bundling presses; binding machinery; pressroom drying racks.

Anderson, Paul, Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio 9, Tex. Register table and repeat printer for photoengravers and offset platemakers.

Angle Steel, Inc., 169 Acorn St., Plainwell, Mich. Steel furniture and trucks for printing plants.

Ansco, Div. of General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y. Photoengraving, offset and gravure photographic film and supplies.

Anstrem Sales, Beaverdale Section, Box 2134, Des Moines 10, Iowa. Portable lead and slug rack.

Apex Machines Co., 14-13—118th St., College Point 56, N. Y. Pencil, cylindrical and odd-shaped printing press, hot embossing press; rubber type.

Apex Printing Machinery Co., Inc., 210 Elizabeth St., New York 12, N. Y.—Machinery dealers.

Appleton Coated Paper Co., 825 E. Wisconsin Ave., Appleton, Wis. Bond, bristol, coated board and paper, cover, offset, tag, kraft, metallic and specialty papers.

A.P.S., Incorporated—See American Publishers Supply, Inc.

Arabol Manufacturing Co., 110 E. 42nd St., New York 17, N. Y. Gums, glues, pastes, latex cements.

Arbeka Webbing Co., 1135 Roosevelt Ave., Pawtucket, R. I. Tapes and webbings for printing industry.

Armstrong Machine Works, 847 Maple St., Three Rivers, Mich. Evaporative steam humidifiers.

Arnold Numbering Machine Works, 434 S. Wabash, Chicago 5, Ill. Numbering machines; repairers of numbering machines.

Artype, Incorporated, 127 S. Northwest Hgwy., Barrington, Ill. Acetate sheets with display alphabets, arrows and signs for photomechanical reproduction.

Atkins Technical, Inc., 1276 W. Third St., Cleveland 13, O. Air conditioning equipment and supplies.

○Atlantic Numbering Machine Co., 4702 18th Ave., Brooklyn, N. Y.

Atlantic Powdered Metals, Inc., 38 Park Row, New York 38, N. Y. Bronze and aluminum powders.

Atlantic Zinc Works, Div., Ball Bros., Inc., 210 Van Brunt St., Brooklyn 31, N. Y. Zinc, copper and magnesium photoengraving plates.

Atlas Numbering Machine Service, 270 Lafayette St., New York 12, N. Y. Typographic numbering machines; machinery dealers.

Atlas Printing Equipment Co., 270 Lafayette St., New York 12, N. Y. Machinery dealers.

Atlas Silk Screen Supply Co., 1733 Milwaukee Ave., Chicago 47, Ill. Screen process equipment and supplies.

Atlas Sponge Co., 2520 S. Damen Ave., Chicago 8, Ill. Natural and synthetic sponges, cheese cloth and machinery wiping cloths.

Atlas Stencil Files Corp., 16716 Westfield Ave., Cleveland 10, O. Vertical filing cabinets and hangers for negatives, offset plates, silk screen stencils and blueprints.

Austin Company, 16112 Euclid Ave., Cleveland 12, O. Design and construction of printing plants.

Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind. Sharpens saws for printers; saw equipment and routers.

Azoplate Corporation, 558 Central Ave., Murray Hill, N. J. Presensitized offset plates.

B

Bache, Semon, & Co., Greenwich and Morton Sts., New York 14, N. Y. Magnifying and reducing glasses, photoengravers glass, glass graining marbles.

Bahnson Company, The, 1001 S. Marshall St., Winston-Salem, N. C. Air conditioning, water and steam humidifiers.

Baird, Harry, Corp., 114 W. Kinzie St., Chicago 10, Ill. Copyfitting system.

Baker Industrial Trucks, Div. Otis Elevator Co., 8000 Baker Ave., Cleveland 2, O. Gas and electric fork trucks, platform trucks, electric cranes.

Balata, Victor, & Textile Belting Co., 53 Park Place, New York 7, N. Y. Press tapes, motor and conveyor belting.

○Baldwin-Gegenheimer Corp., 80 Roebling St., Brooklyn 11, N. Y. Letterpress and offset roller washup; ink agitators and vibrating rollers; offset water levels and water stops.

Baldwin, James L., Co., 2726 N. Ashland Ave., Chicago, Ill. Belt conveyor system for carrying copy and proofs.

Balemaster Div., East Chicago Machine Tool Corp., 4801 Railroad Ave., East Chicago, Ind. Balers, hoggers, shredders, and pneumatic conveying equipment for scrap paper.

Ballantine Laboratories, Boonton, N. J. Magnetic ink tester and meter.

Baltimore Type and Composition Corp., 305 East 45th St., Baltimore 2, Md. Foundry type, borders and rule.

Bancroft, Ralph, Co., 324 Fifth Ave. S., Minneapolis 15, Minn. Slug-high sinkers.

Banthin Engineering Co., 1849 Main St., Bridgeport 4, Conn. Letterpress cylinder press and offset press.

Bar-Plate Mfg. Co., Inc., Boston Post Rd., Orange, Conn. Lineup, makeready tables, jackets for press die cutting and fountain dividers; deep etch tables, darkroom inspection light, score cutting machine.

Bar-Rack Company, 595 Reed Ave. Akron 1, O. Floor rack for temporary storage of slotted eye type metal pigs.

Barager, M. E., Co., 6523—20th Ave., N.E., Seattle 15, Wash. Typesetting machinery, parts and supplies.

Barco Type Founders, 64 Wagner, Northlake, Ill. Type and lockup material.

Barnhard Printers Supply Co., 7-13 Governor St., Newark 2, N. J. Machinery dealers; offset, letterpress and bindery tools and supplies.

Barret-Cravens Company, 630 Dundee Rd., Northbrook, Ill. Paper and case handling trucks.

Bauer Alphabets, Inc., 305 E. 45th St., New York 17, N. Y. Foundry type, metal furniture.

Bauer Presses, Inc., 235 E. 45th St., New York 17, N. Y. Reproduction proof press dealer.

Baum, Russell Ernest, Inc., 1540 Wood St., Philadelphia 2, Pa. Folding machines and feeders.

Bausch & Lomb Optical Co., 65161 Bausch, Rochester, N. Y. Magnifiers and microscopes; paper testing instruments.

Beacon Machinery, Inc., 31st and Tudor Sts., P.O. Box 188, East St. Louis 17, Ill. Dock ramps, hydraulic stock lift tables, mailing and shipping conveyors and other materials handling equipment.

Beall, Jack, Vertical Service, Inc., 641 S. Dearborn St., Chicago 5, Ill. Transfer table, service and accessories for Miehle Vertical press.

Beard Newsprint & Warehouse Co., Inc., 8761 Fulton St., Detroit 9, Mich. Aluminum alloy stereotype chases; newspaper form tables.

Beck, Charles, Machine Corp., 42 Church Rd., King of Prussia, Pa. Press sheet cutter, slitters and rewinders.

Beck Engraving Co., Inc., Seventh and Sansom Sts., Philadelphia 6, Pa. Rotogravure cylinder, Dycril, photoengraving and offset, platemaking for the trade.

Becker Bros. Carbon Co., 3450 S. Laramie Ave., Cicero 50, Ill. Carbon and graphite products for the printing industry.

Becker Bros. Engraving Co., 103 Lafayette St., New York 13, N. Y. Brass dies and stamps for bookbinders and gold stampers.

Bell & Howell Phillipsburg Co., P.O. Box 186, Phillipsburg, N. J. Equipment for inserting, sealing and meter printing mailing pieces.

Bemis Bro. Bag Co., 408 Pine St., P.O. Box 133, St. Louis 2, Mo. Aprons, bags, drop cloths, and binding twine.

Bendix Corporation, Cincinnati Div., 3130 Wasson Rd., Cincinnati 8, O. Electronic viscometer for automatically controlling additional solvent added to ink reservoirs in gravure and flexographic printing and in lacquer coating.

Bensing Bros. and Deeney, Product of General Printing Ink Co., Div. of Sun Chemical Corp., 750 Third Ave., New York 17, N. Y. Rotogravure and flexographic inks.

Berkley Machine Co., 819 E. 19th St., Kansas City 8, Mo. Presses, machinery dealers.

Berry Machine Co., 716 N. First St., St. Louis 2, Mo. Round hole cutting machines, paper lifts attached to presses, pneumatic book presses.

Best, Edward H., & Co., 210 Lincoln St., Boston 5, Mass. Printing press blankets.

Better Packages, Inc., Plant No. 2, 255 Canal St., Shelton, Conn. Labeling and sealing tape machines.

○Beveridge Paper Co., New Products Div., 705 W. Washington St., Indianapolis 4, Ind. Blotting, bristol and specialty paper stocks; makers of stereotype mats.

Bijur Lubricating Corp., 151 W. Passaic St., Rochelle Park, N. J. Automatic machine lubricating equipment and supplies.

Bingham Brothers Co., 406 Pearl St., New York 38, N. Y.; 521 Cherry St., Philadelphia 6, Pa.; 131 Colvin St., Baltimore 2, Md.; 980 Hudson St., Rochester 5, N. Y.; Brown St., & Lister Ave., Newark 5, N. J.; South Avenue, Garwood, N. J. Printing press rollers, glues, padding compounds, roller coating machine.

Bingham's, Sam'l, Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill. Plants at: Atlanta 3, Ga., 274 Trinity Ave., S.W.; Cleveland 14, O., 1432 Hamilton Ave.; Dallas 1, Tex., 1310 Patterson Ave.; Des Moines 2, Ia., 1025 W. Fifth St.; Detroit 10, Mich., 4391 Apple St.; Houston 6, Tex., 2702 W. Dallas Ave.; Indianapolis 25, Ind., 629 S. Alabama St.; Kalamazoo 12, Mich., 223 W. Ransome St.; Kansas City 6, Mo., 706 Baltimore Ave.; Minneapolis 15, Minn., 900 S. Third St.; Nashville 3, Tenn., 911 Berryhill St.; Oklahoma City 6, Okla., 1213 Linwood Blvd.; Pittsburgh 3, Pa., 88 S. 13th St.; St. Louis 2, Mo., 514 Clark Ave.; Springfield, O., East & Harrison Sts.; Milwaukee, Wis., 3148 N. 31st St.; St. Paul 1, Minn., 318 Minnesota St.; Tampa 5, Fla., 507-509 N. 22nd St. Printers rollers; fabric covered, rotogravure, offset, varnish lacquer and graining rollers; roller coating machine.

Bishop Stansell Co., P.O. Box 35, W. Carrollton, O. Systems for relieving electrotype and stereotype flat and curved plates and for solidifying electrotypes.

○Booth, E. A., Rubber Co., 2855 Scarborough Rd., Cleveland Heights 18, O. Cement for holding cuts on bases.

Bostitch, Incorporated, East Greenwich, R. I. Wire stitchers, staples and stapling machines.

Bourges Color Corp., 80 Fifth Ave., New York 11, N. Y. Color separation process and shading sheets for photoengravers and offset platemaking.

Bowers Printing Ink Co., 2655 W. Irving Park Rd., Chicago 18, Ill. Letterpress and offset printing inks, compounds, varnishes, driers.

Bowser, Incorporated, 1302 E. Creighton Ave., Ft. Wayne 2, Ind. News ink pumping system.

Boyd, H. S., Co., 6915 E. 14th St., Tulsa, Okla. Perforating rule and backing for offset and letterpresses.

Brackett Stripping Machine Co., 505 Jackson St., Topeka, Kan. Jogging, scoring, forming, stripping and back-gluing machines.

Braden Sutphin Ink Co., The, 3650 E. 93rd St., Cleveland 5, O. Letterpress and offset inks, varnishes and driers.

Brandtjen & Kluge, Inc., 653 Gaultier, St. Paul 3, Minn. Automatic platen presses and feeders, die cutting and embossing presses.

Braznell Company, 5215 Manchester Ave., St. Louis 10, Mo. Letterpress, gravure and offset inks.

Brett Guard Co., 456 Nordoff Place, Englewood, N. J. Plastic guard for stereotype and photoengraving saws.

Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn. Photoengravers supplies, machinery, metals, chemicals and equipment. Branch offices: 287 Atlantic Ave., Boston, Mass.; 525 W. 33rd St., New York, N. Y.; 900 N. Franklin St., Chicago, Ill.; 1051 Power Ave., Cleveland, O.

Bristol Company, The, P.O. Box 1790, Waterbury 20, Conn. Temperature and humidity control and recording devices.

○Brooks & Perkins, Inc., Magplate Div., 1950 W. Fort St., Detroit 16, Mich. Photoengraving magnesium; magnesium backup plates and saddles; chrome plating and curving service.

Brown, L. L., Paper Co., Commercial St., Adams, Mass. Manufacturers of ledger, machine posting, index bristols, resistalls, bonds, linens, typewriter, envelope and manuscript cover papers.

Brown-Bridge Mills, Inc., E. Water St., Troy, O. Gummed papers.

Brown Folding Machine Co., 3771 Chester Ave., Cleveland 14, O. Folding machines, new and rebuilt.

Brown & Sharpe Mfg. Co., Industrial Products Div., 230 Promenade St., Providence 1, R. I. Paper gauge micrometer and tools for the printing machinist.

Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill. Offset and photoengraving platemaking equipment.

Bruning, Charles, Co., Inc., Mt. Prospect, Ill. Equipment for proofing phototypeset and photocomposed matter.

Buhler Brothers, Inc., 130 Coolidge Ave., Englewood, N. J. Flat bed rotary printing press for newspapers; machinery dealer.

Bunn, B. H., Co., 7605 Vincennes Ave., Chicago 20, Ill. Tying and bundling equipment.

○Burgess Cellulose Co., Foot of Exchange St., Freeport, Ill. Stereotype dry mats, stereotype equipment and supplies.

Burrage Glue Co., 15 Vandewater St., New York 38, N. Y. Padding and bookbinding flexible glue; cold and hot padding and snap out glue.

Busch, J. C., Co., 17 W. 54th St., New York 19, N. Y. Paper stack inverter.

Business Forms Equipment Co., 4036 N.E. Portland Bldg., Portland 11, Ore. Business forms rotary press; rotary and folder collators.

ByChrome Company, Inc., P.O. Box 1077, Columbus 16, O. Step and repeat machine; screen tints.

C

Cady, E. J., & Co., 630 N. Harlem Ave., River Forest, Ill. Paper testing instruments, basis weight scales.

California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif. Printing inks; offset, photoengraving and stereotype equipment; chemicals and supplies; rollers, blankets, mats; cameras, plates and film.

Callaway Mills, 295 Fifth Ave., New York 16, N. Y. Wiping cloths.

Cambridge Instrument Co., Inc., 420 Lexington Ave., New York 17, N. Y. Gauges and testing instruments.

Cameron Machine Co., Franklin Rd., Dover, N. J. Photoelectric side register control for web presses, slitters and other roll processing machines.

Canada Printing Ink Co., Ltd., Brockhouse Rd., Etobicoke, Box 265—Postal Station N, Toronto 14, Ont., Can. Letterpress, offset and flexographic and rotogravure inks.

Cantine, Martin, Co., Saugerties, N. Y. Coated and specialty papers.

○Capital Tool & Mfg. Co., 5000 Calvert Rd., College Park, Md. Portable color ink fountains for newspaper printing presses; rewinding equipment; core strippers.

Capitol Printing Ink Co., Inc., 806 Channing Pl., N.E., Washington 18, D. C. Letterpress and offset inks.

Caprock Developments, 165 Broadway, New York 6, N. Y. Contact screens for lithographers, engravers, silk screen work.

Carlson Company, The, 15 Hathaway St., Boston 10, Mass. Sheet registering device for Miehle Vertical.

○Carlson, Cheseley F., Co., 2240 Edgewood Ave., Minneapolis 26, Minn. Stereotype chase, plate finishing machine, photocomposing machine, vinyl mask material.

Carlson, John P., Inc., 420 Carroll St., Brooklyn 15, N. Y. Letterpress, offset and water color inks.

Carmichael Blanket Co., 973 Canterbury Rd., N.E., Atlanta 5, Ga. Blankets for printing presses.

Carrier Corporation, Carrier Pkwy., Syracuse, N. Y. Air conditioning apparatus.

Casey's, Roger, Newspaper Service Co., 5235 S. Fourth St., Minneapolis 15, Minn. Special matrices for casting machines, Linotype machinists tools.

Caxton Printers Supply Co., 410 Caxton Bldg., 812 Huron Rd., Cleveland 18, O. Machinery dealers; supplies, appraisals, counseling, plant layout.

○Central Compounding Co., 1718 N. Damen Ave., Chicago 47, Ill. Conditioners for letterpress and offset inks.

Central Newspaper Installations, Inc., 292 Madison Ave., New York 14, N. Y. Machinery movers and installers.

Central States Printing Equipment Co., 1330 Deloss St., Indianapolis 3, Ind. English paper cutters.

Central Trade Plant of Grand Rapids, 15 Lyon St., N.E., Grand Rapids 2, Mich. Composing room equipment, offset and letterpress inks and supplies, foundry type; machinery dealers.

Central Type & Supply Co., 1711 Vine St., Philadelphia 3, Pa. Solution for preventing metal adhesions on linecasting molds.

○Certified Dry Mat Corp., 555 Fifth Ave., New York 17, N. Y. Syndicate and newspaper dry mats for cold molding; mats for hot molding; stereotype equipment and supplies.

Cerutti Presses of America, Inc., 121 Prospect St., Westfield, N. Y. Machinery dealer.

○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich. Proof and printing presses, paper cutters, paper drillers and punches, knives, cabinets, iron furniture, etc.

Chalmers Chemical Co., 123 Chestnut St., Newark 5, N. J. Type wash.

○Chambersburg Lumber Co., College and Scotland Aves., Chambersburg, Pa. Feed boards, cutting sticks, matrix cabinets and other wood accessories.

Champion Manufacturing Co., 824 N. Caldwell St., Charlotte 6, N. C. Padding press and adhesives.

Champion Paper & Fibre Co., The, 601 North B. St., Hamilton, O. Coated paper, bond, bristol, cover, offset, postcard, envelope, tag, mimeograph and specialty papers.

Champlain Company, Inc., Harrison Ave., Roseland, N. J. Roll fed letterpress, flexographic and gravure printing presses; slitters and rewinders; embossing presses; tabulating card presses.

Chandler & Price Co., The, 6000 Carnegie Ave., Cleveland 3, O. Printing presses and paper cutters.

Chandler Sales & Service Co., 245 Seventh Ave., New York 1, N. Y. Tag stringing and tying machines.

Chapman Knives & Saws, Inc., 4040 Clayton, St. Louis, 10, Mo. Metal and paper cutting equipment and supplies; machinery dealers.

○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y. Cameras, films, chemicals and photoengraving equipment and supplies.

Chemical Fine Paper & Board Div., Standard Packaging Corp., 642 Main St., Holyoke, Mass. Bristols, book, bond, cover, coated board, manifold, and specialty papers.

Cheshire, Incorporated, 1644 N. Honore St., Chicago 22, Ill. Automatic labeling machines operated from roll strip; pack form or cut labels for magazines, newspapers and direct mail; tip-on and counter-stacker machines; feeders; automatic imprinters; separate labeling heads; labeling adhesive.

Cheville Corporation, 7723 Rocton Ave., Chevy Chase 15, Md. Instruments for testing thickness of ink application on press rollers.

Chicago Box Machine Works, Inc., 1810 W. Grand Ave., Chicago 22, Ill. Box and carton equipment and supplies; machinery dealers.

Chicago Machinery Laboratory, Inc., 6200 W. 60th St., Chicago 38, Ill. Book sewing machines; machinery dealers, mailing machines, trimmers, folders, labeling machine.

Chicago Steel & Wire Co., 10257 Torrance Ave., Chicago 17, Ill. Bookbinding and boxmaking wire.

Clark Equipment Co., Industrial Truck Div., 24th St., Battle Creek 151, Mich. Newsprint roll and materials handling equipment.

Cleveland Printing Ink Co., Inc., 1414 Hamilton Ave., Cleveland 14, O. Letterpress and offset inks; litho supplies and equipment.

Climax Manufacturing Co., 1025 E. Chestnut St., Santa Ana, Calif. Machine for drilling, slitting, slotting and round cornering.

Cling-Surface Company, 1032-48 Niagara St., Buffalo 13, N. Y. Belt dressing.

Clipper Belt Lacer Co., 974 Front Ave., N.W., Grand Rapids 2, Mich. Lacing equipment for belts and tapes of all kinds, including printing press tapes.

Cobb Shinn, 721 Union St., Indianapolis 25, Ind. Halftone screen counter and copyfitting system.

Coes Knife Co., 72 Coes St., Worcester 3, Mass. Knives.

Collamatic Corporation, State Hwy. No. 23, Wayne, N. J. Gathering and collating equipment.

Color Engravers Div., Publication Corp., 2436 W. 15th St., Chicago, Ill. Gravure platemakers to the trade.

Colora Printing Inks, Inc., 42-12—35th Ave., Long Island City 1, N. Y. Flexographic ink and thermoplastic sealing medium.

Colorgraph Process Co., 241 E. Illinois St., Chicago 11, Ill. Method of producing prints in multicolor from a single black or color halftone or line etching.

○Color Production Service, Inc., 250 Park Ave., New York 17, N. Y. ROP color mats.

Columbia Wiping Cloth Co., 1720 Wabash Ave., Kansas City 1, Mo. Wiping cloths.

Colwell Litho Products, Inc., 316 Chicago Ave., Minneapolis 15, Minn. Vacuum printing frames and stripping and opaquing table for offset platemaking.

Commander Engineering and Mfg. Co., 4375 Duncan Ave., St. Louis 10, Mo. Silk screen printing press.

Compactor Manufacturing Co., 1610 W. Springfield Ave., Champaign, Ill. Winders for Teletypesetter tape.

Consolidated Intl. Equipment & Supply Co., 4501 S. Western Ave., Chicago 22, Ill. Machinery dealers; offset presses and cylinder letterpresses; paper cutters; cameras, equipment and supplies for all photomechanical processes.

Consolidated Water Power & Paper Co., Wisconsin Rapids, Wis. Machine coated book, offset, rotogravure and cover.

Continental Printing Equipment Co., 1402 N. Western Ave., Chicago 22, Ill. Machinery dealer.

Cook's, Adam, Sons, Inc., 5 N. Stiles St., Linden, N. J. Lubricants.

Coolant Equipment Corp., Verona Ave., Verona 6, Wis. Ink drum carrier with pump for filling press fountain and for transporting drums of ink and other liquids; bulk fluid transport and dispensing tank.

Cooper, Peter, Corps., Palmer St., Gowanda, N. Y. Bookbinding and paper box adhesives; specialty adhesives; dry and liquid animal glues.

○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y. Press and stereotype blankets, drawsheets, cutting knives and cutting rubbers; galleys and locks; static eliminators; offset flannels; magnifying and reducing glasses; belts, rubberized tape; numbering machines; composition rollers, tympan paper, gum backing felt, dry mats, fibre press board, adhesives.

Cosom Engineering Corp., 6030 Wayzata Blvd., Minneapolis 16, Minn. Press for printing odd shaped objects; letterpress and flexographic models.

Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I. Web and sheet fed rotary magazine presses; gravure and web fed offset newspaper presses; electrotype platemaking equipment; box, carton, bagmaking equipment and supplies, flexographic presses, slitters, and rewinders.

Counter and Control Corp., 4503 W. Brown Deer Rd., Milwaukee, Wis. Tab or ticket inserter for printing presses and other printing equipment having horizontal pile delivery.

Cowan Pressroom Products, Inc., 1651 Cosmo, Hollywood 28, Calif. Perforator, scorer and slitter attachments for cylinder and offset presses; expansion roller trucks for platen presses; perforator and scorer attachments for platen presses.

Coyne & Paddock, Inc., 40-09—21st St., Long Island City 1, N. Y. Press and stereo molding blankets.

Crabtree, R. W., & Sons (Canada) Ltd., 629 Adelaide St. W., Toronto 1, Ontario, Can. Newspaper, offset and rotogravure printing presses; stereotype and electrotype platemaking equipment.

Craftint Manufacturing Co., The, 1615 Collamer Ave., Cleveland 10, O. Shading medium for photomechanical reproduction.

Craftsman Line-Up Table Corp., 49 River St., Waltham 54, Mass. Lineup and register tables and stripping tables.

Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass. Printing and embossing presses, paper cutters; machinery dealers and repairers.

Craig Corporation, 143 W. 20th St., New York 11, N. Y. Dry spray offset preventing device.

Cramer Controls Corp., 100 Saybrook Rd., Centerbrook, Conn. Interval, time delay, cycling, hermetically sealed, and time totalizing timers.

Cramer Dry Plate & Film Co., The, 1835 Shenandoah Ave., St. Louis 4, Mo. Plates, films, supplies for gravure, offset, photoengraving and all other photomechanical processes.

Crawford, E. A., Co., P.O. Box 2216, Edgewood Sta., Providence 5, R. I. Consulting, research and machine design service.

Crawley Book Machinery Co., 328 Keturah St., Newport, Ky. Rounding, backing machines and board beveling machines for bookbinders; paper cutters.

Crescent Ink & Color Co. of Pa., Inc., 464 N. Fifth St., Philadelphia 23, Pa. Letterpress, offset, gravure, metal decorating and flexographic inks.

Crocker, Burbank Papers, Inc., 545 Westminster St., Fitchburg, Mass. Book, coated, offset, rotogravure and specialty papers.

Crocker - McElwain Co., Div. Chemical Paper Mfg. Corp., Holyoke, Mass. Bonds, covers, drawings, folding boxboard, ledgers, offset, onion skins and writings.

Cromwell Paper Co., The, 180 N. Wabash, Chicago 1, Ill.; 1600 Nottingham Way, Trenton, N. J. Press tympan and offset packing paper.

Cronite Company, Inc., 8707 Hudson Blvd., North Bergen, N. J. Steel die stamping presses.

Crosfield Electronics, Inc., 47 New York Ave., Westbury, N. Y. Electronic devices for maintaining register in presswork; preprinted web inserter for magazine and newspaper presses.

Crown Engineering and Sales Co., 421 Hill St., Harrison, N. J. Daylight type lighting fixtures for color matching.

Cummington Corporation, 718 Beacon St., Boston 15, Mass. Multiple station gathering machines; postal scales.

Curlesaw, Incorporated, 1725 Maple St., Los Angeles 15, Calif. Slug corrector for attachment to linecomposing machines; parts and factory rebuilding service.

Curtis Laboratories, Inc., 2718 Griffith Park Blvd., Los Angeles 27, Calif. Equipment for process color reproduction including the Curtis direct color cameras and color analyst for analyzing color in paper separation prints.

Curtis Paper Co., Newark, Del. Text, cover, rag book, greeting card stock and specialty papers.

○Cutler-Hammer, Incorporated, 315 N. 12th St., Milwaukee 1, Wis. Electric switch and control systems for printing and mailroom machinery; newspaper conveyors.

D

Daily, Bert L., Inc., 126 E. Third St., Dayton 2, O. Silk screen supplies.

Damon & Peets, Inc., 56 Beekman St., New York 38, N. Y. Machinery dealers.

Davidson Corporation, Sub. of Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y. Offset and/or relief printing presses; offset platemaking supplies; folding machines; photocomposition machines.

Davidson Perforator Co., 319 Main St., East Berlin, Conn. Perforator, slitter, scorer and snapout attachments for presses, pad counters, slitting and rewinding equipment, perforating machines.

Davis, W. F., Consultants, P.O. Box 179, Hightstown, N. J. Management planning, surveys, equipment valuations, plant planning, special and printing equipment engineering for publication, packaging, business forms, and converting industries.

Dawson Corporation, The, Pelham, New York. Equipment for chrome plating copper and steel dies.

Day, The J. H., Co., Div. of Cleveland Automatic Machine Co., 4932 Beech St., Cincinnati 12, O. Ink mills, mixers, blenders and sifters.

Dayton Envelope Co., Div. Howard Paper Mills, Inc., 115 Columbia St., Dayton 7, O. Envelopes.

Dayton Industrial Products Co., Dayco Department, 2001 Janice Ave., Melrose Park, Ill. Rollers for offset, letterpress, newspaper, corrugated boxboard, gravure, flexography and graining; offset and letterpress wraparound blankets, fountain dividers and color separators.

Decalcomania and Metal Etching Co., 225 Flatbush Ave., Brooklyn 17, N. Y. Silk screen printing screens.

deFlorez Company, Inc., The, Sub. of Miehle-Goss-Dexter, Inc., 200 Sylvan Ave., Englewood Cliffs, N. J. Development and designing engineers for special paper handling, converting, printing and bindery machinery.

Dennison Manufacturing Co., 300 Howard St., Framingham, Mass. Gummed and metallic coated papers; tags and decal papers.

Dependable Compressor & Machine Co., 157 W. 21st St., New York 11, N. Y. Screen process press.

Deskfinder Company, The, P.O. Box 337, Costa Mesa 1, Calif. Press for imprinting a sequence of Linotype slugs on IBM cards for processing on the Listomatic, Foto-List, or Compos-O-List cameras.

Deublin Company, 1919 Stanley St., Northbrook, Ill. Rotating water joints for webfed presses.

Dexter Company, The, Div. Miehle-Goss-Dexter Inc., 2011 Hastings St., Chicago 8, Ill. Folding machines, sheet feeders, inserting machines, bundling presses and trimmers and stitching machines.

Diamond Printing Machinery Co., 3067 E. 61st St., Cleveland 27, O. Machinery dealers; machinery movers and erectors.

Dick Mailer Co., The, 137 W. Tupper St., Buffalo 1, N. Y. Labeling machines.

Dickerson, Robert W., Architect, 508 Park Bldg., Cleveland 15, O. Newspaper and printing plant engineering.

○Didde-Glaser, Incorporated, 50 Highway and W. 12th Ave., Emporia, Kan. Automatic machine for gathering and gluing multiple sets of business forms and for use as a straight collator; signature and sheet collators; roll-fed offset printing presses.

Dietz Machine Works, Inc., 20 W. Berkley St., Philadelphia 44, Pa. Flexographic printing press for attaching to converting machines; rotary paper cutters; slitters and rewinders; folding machines; embossing machines; gluing and pasting equipment.

Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y. Kohler System equipment consisting of pasters, winders, reels; offset and flexographic presses; fountains.

Di-Noc Chemical Arts, Inc., 1700 London Rd., Cleveland 12, O. Non-shrinking photographic film.

Dirats Photo Plate Co., Inc., 181 Notre Dame St., Westfield, Mass. Presensitized photoengraving plate; powderless etching machine.

Direct-Image Offset Corp., 5201 Old Orchard Rd., Evanston, Ill. Direct image offset plates.

Disston Division, H. K. Porter Co., Inc., Unruh and Milnor Sts., Philadelphia 35, Pa. Paper cutter knives.

Dixie Type & Supply Co., Inc., 930 N. Sixth Ave., Birmingham 1, Ala. Stevenson furniture and rule molds; machinery dealers.

Dixon, Joseph, Crucible Co., 167 Wayne St., Jersey City, 3, N. J. Graphite and graphite products.

Dixon, Loyal S., Co., 11164 Saticoy St., Sun-Valley, Calif. Newspaper press erectors; machinery dealers.

Don's Sharp Service, 349 Berkeley Ave., Tacoma 66, Wash.

DoAll Company, The, 254 N. Laurel Ave., Des Plaines, Ill. Band saws for binderies, electrotypers, photoengravers and stereotypers.

Dollahite, K. J., Co., 106 W. 15th St., Ft. Worth 2, Tex. Portable padding rack, stripping machine, padding presses; steel imposing surface table.

Dom, G. C., Supply Co., 424 Commercial Sq., Cincinnati 2, O. Supplies for engravers, electrotypers, lithographers and stereotypers.

Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich. Gravure, offset, photoengraving, stereotype, pressroom, silk screen equipment and supplies.

Doven Division, Appleton Machine Co., 618 S. Oneida St., P.O. Box 468, Appleton, Wis. Printing press conversions for hot spot carbonizing; slitting machines, magnesium for mounting plates, core cutters.

Dow Chemical Co., Midland, Mich. Thermoplastic coatings; process for etching magnesium photoengravings.

Doyle, The J. E., Co., 1220 W. Sixth St., Cleveland 13, O. Infra-red driers, vacuum paper cleaners, static eliminating spray, Johnson gas burner, Doyle-Allen ink distributor, composition transfer table for Miehle Vertical press.

Driscoll, Martin, & Co., 610 S. Federal St., Chicago 5, Ill. Inks for letterpress, offset, gravure, flexography, metal decorating and silk screen; varnishes; driers; offset chemicals.

Dri-Stain Products Co., 3421 Colfax Ave. A, Denver 6, Colo. Process for making linecomposing machine matrix reference characters easily readable.

Dryer Electric Corp., 164 Walabout, Brooklyn, N. Y. Letterpress and offset web press ink drying equipment.

Du Pont, E. I., de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del. Impregnated bookbinding cloth, type, blanket and roller solutions, lacquers, varnishes and enamels; photomechanical films.

Durant Manufacturing Co., 1900 N. Buffum St., Milwaukee 1, Wis. Press and folder counters, photo-electric control units.

Durbrow & Hearne, Inc., 12 Wooster St., New York 13, N. Y. Bookbinding and stereotyping machinery and supplies.

Durol Company, Inc., P.O. Box 335, New Paltz, N. Y. Engravers' staging ink and lacquer.

Duryea Products Co., Inc., 168 Rockland Ave., Woonsocket, R. I. Type washes, woven belts and belt dressing.

E

○Eagle Manufacturing Co., Wellsburg, W. Va. Safety fluid containers.

○Eastern Fine Paper and Pulp Div., Standard Packaging Corp., Bangor, Me. Bond, ledger, cover, duplicator, envelope, mimeograph, offset and specialty papers.

Eastern Graphic Arts Supply Co., Inc., 509 W. 56th St., New York 19, N. Y. Photoengraving, offset and gravure platemaking supplies; machinery dealers.

○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y. Stereotype, composing room and pressroom equipment and supplies.

○Eastman Kodak Co., 343 State St., Rochester 4, N. Y. Photoengraving, offset and gravure equipment and supplies.

Eccles Saw & Tool Co., Inc., 3235 Enyart Avenue, Cincinnati 9, Ohio. Saw blades.

Econo Products, Inc., 132 Humboldt St., Rochester 10, N. Y. Molded rubber printing plates and process materials.

Economy Baler Co., 1254 N. Main St., Ann Arbor, Mich. Waste paper balers.

Economy Engineering Co., 4511 W. Lake St., Chicago 24, Ill. Paper handling trucks.

Economy Novelty & Printing Co., 244 W. 39th St., New York 18, N. Y. Printers aprons, line gauges, steel tapes.

Economy Printers Products Co., 609 S. LaSalle St., Chicago 5, Ill. Machinery dealers; copper tinsel for eliminating static.

Ecusta Paper Div., Olin Mathieson Chemical Corp., Pisgah Forest, N. C. Specialty, Bible, makeready tissue papers, carbonizing paper.

Edes Manufacturing Div., See Revere Copper and Brass, Inc.

Egan, Frank W., & Co., S. Adamsville Rd., Somerville, N. J. Rotogravure presses; slitting and rewinding equipment; flying splice unwind and winding equipment.

Eisnehmer & Taylor, Inc., 228 E. 45th St., New York 17, N. Y. Machinery dealers.

Elco Typographic Service, 161 Dueber Ave., S.W., Canton 6, O. Copyfitting gauge.

Electric Eye Equipment Co., 1938 E. Fairchild St., Danville, Ill. Rotary press electronic color register control; platemaking timing devices; press drives.

Electric Heating Co., 8616 Madison Ave., South Gate, Calif. Metal pots, remelting furnaces, metal trucks, feeders, metal temperature controls.

Electro-Coatings, Inc., 570 Northwest Hghwy., Des Plaines, Ill. Plating of all kinds for printing plates and machinery parts.

Electro-Copyst, Incorporated, 205 E. 42nd St., New York 17, N. Y. All-electric hydraulic rubber and plastic plate molding machine.

Electronic Mechanical Products Co., 929 Atlantic Ave., Atlantic City, N. J. Light integrator for cameras, photocomposing machines, printing frames, camera and enlarger shutters.

Electronic Products Div., Post Machinery Co., 150 Elliott St., Beverly, Mass. Predetermining and production counters; photoelectric controls and sensing devices; electronic timers.

Elgrama Sales Co., La Salle, Ill. Electronic engraving machine for making printing plates.

Elwell-Parker Electric Co., 4205 St. Clair Ave., Cleveland 3, O. Paper handling trucks.

Embosograf Corp. of America, 38 W. 21st St., New York 10, N. Y. Raised letter printing machines and supplies.

Embossograph Process Co., Inc., 3720—14th Ave., Brooklyn 18, N. Y. Heaters, compounds and inks for producing raised letter printing.

Empco Manufacturing Co., 929 Atlantic Ave., Atlantic City, N. J. Proportioning rule for calculating enlargement or reduction of type and photographic copy.

○Empire Laboratories, Inc., 509 W. 56th St., New York 19, N. Y. Enamel tops for photoengravers.

Empire Type Foundry, 55 N. Main St., Delevan, N. Y. Foundry type and borders; electrotyping equipment and supplies, special news black ink.

Equipto, 401 S. Highland, Aurora, Ill. Steel storage racks, cabinets and stands, trucks, tables, lockers.

Esleeck Manufacturing Co., Canal St., Turners Falls, Mass. Manifold and onion skin papers.

Esrever Distributors, 1037 W. 22nd St., Los Angeles 7, Calif. Reproduction proof drier cabinet with infra-red lamp and inks.

Evans Specialty Co., Inc., 2401 Venable St., Richmond 23, Va. Gathering racks and receiving trays.

Ever Ready Machinists, Inc., 137 W. 19th St., New York 11, N. Y. Hand lever cutter, steel chases; machinery dealers.

Ewald, L., Co., 7933 Gloria Ave., Van Nuys, Calif. Linecomposing machine plunger cleaner.

F

Fairbanks Company, The, 393 Lafayette St., New York 3, N. Y. Composing room and paper handling trucks.

○Fairchild Graphic Equipment, Div. Fairchild Camera & Instrument Corp., Fairchild Dr., Plainview, L. I., N. Y. Electronic direct photoengraving machine; teletypesetter keyboard operating units and tape perforators for linecomposing machines; electronic color separation machine; processing equipment for Dycril photopolymer printing plate.

Falco Corporation, 29-05—120th St., Flushing 54, N. Y. Rebuilt printing equipment.

Farrington Business Machines Corp., Industrial Park, New Bedford, Mass. Semi-automatic carbon snap out form collating and tipping machines; automatic vertical stack collating machines; automatic addressing and printing machinery.

Fasson Products, 250 Chester St., Painesville, O. Pressure sensitive paper.

Fate-Root-Heath Company, Grinder Div., 234 High St., Plymouth, O. Knife grinders.

Faustel, Incorporated, 5109 N. 125th St., Butler, Wis. Four color flexographic, rotogravure and offset presses; slitting and rewinding equipment; carton and bag making equipment and supplies.

Federated Metals Div., American Smelting and Refining Co., 120 Broadway, New York 5, N. Y. Type, electrotype and stereotype metal and fluxes and supplies. Branches in 26 principal cities across the country.

Felters Company, The, Unisorb Div., 210 South St., Boston 11, Mass. Vibration eliminating material.

Fenwal, Incorporated, Pleasant St., Ashland, Mass. Thermostatic heat control switches for linecomposing machines and stereotype metal pots.

Fergusson, Alex. C., Co., 44 E. Oregon Ave., Philadelphia 48, Pa. Composition and dampener roller wash and blanket cleaner, chemicals, solutions.

Filmotype Corporation, 7500 McCormick Blvd., Skokie, Ill. Letter-by-letter photographic type composing machine and alphabets.

Finch, Pruyn & Co., Inc., Glen Falls, N. Y. Offset, duplicator, and bond printing papers.

Firewel Company, Inc., 3685 Broadway, Buffalo 25, N. Y. Waste paper balers.

Fisher Scientific Co., 711 Forbes Ave., Pittsburgh 19, Pa. Waxlike pencils for indicating temperature.

○Fisk Industries, 130 W. 46th St., New York 36, N. Y. Linecomposing machine tools.

○Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich. Letterpress, flexographic, offset and gravure printing ink. Branches: 2546 Clark Ave., Detroit 9, Mich.; 663 Greenwood, N.E., Atlanta, Ga.; 3905 W. 150th St., Cleveland, O.; 2544 Irving Blvd., Dallas, Tex.; 2600 W. Eighth Ave., Denver, Colo.; 6404 Chrysler Bldg., New York, N. Y.; 1041 S. Jefferson Davis Pkwy., New Orleans, La.; Bennington, Vt.; 700 S. Fourth St., Minneapolis, Minn.; 1000 E. Vermont St., Indianapolis, Ind.; 6100 Avalon Blvd., Los Angeles, Calif.; 1010 Lockwood Dr., Houston, Tex.; 2501 Southwest Blvd., Kansas City, Mo.; 16th and Gardner Rd., Broadview, Ill.; 5409 Highway Ave., Jacksonville, Fla.

Florence Pipe Foundry and Machine Co., Front St., Florence, N. J. Bodies for printing press plate, gravure, ink feed, fountain and impression cylinders.

Forbes Ink, Inc., 2249 Elm St., N.W., Cleveland 13, O. Inks and ink specialties.

○Force, Wm. A., & Co., Inc., 216 Nichols Ave., Brooklyn 8, N. Y. Typographic and press numbering machines.

Foster, F. B., 57 Riverside Ave., Riverside, Conn. Consultant for tape operation of linecasting machines.

Foster Manufacturing Co., 140 N. 13th St., Philadelphia 7, Pa. Galleys and galley cabinets; offset negative and plate cabinets; galley transfer trucks; Linotype and Intertype magazine racks; makeup tables; lineup and stripping tables; permanent magnets for holding copy and locking type in galley.

Foto-Graphic Products Co., 2701—14th Ave., S., Minneapolis, Minn. Reproduction letters; machinery dealer, photo headline composing machine.

Foto-Riter Company, 63 S. 13th St., Minneapolis 3, Minn. Phototlettering machine.

Fototype, Incorporated, 1414 W. Roscoe St., Chicago 13, Ill. Alphabetical letters printed on cardboard for offset, letterpress, and silkscreen reproduction.

Fox River Paper Corp., 401 S. Appleton St., Appleton, Wis. Bond, ledger and onion skin papers.

Franklin Manufacturing Corp., 692 Pleasant St., Norwood, Mass. Special alloy type for stamping leather, pencils, etc., automatic roll feed gold stamping embossing machine, gold leaf and colored foil.

Franklin Printers Supply Co., 608 Cherry St., Philadelphia 6, Pa. Machinery dealers.

Fraser Paper, Ltd., 420 Lexington Ave., New York 17, N. Y. Bond, ledger, mimeograph, duplicator, offset, manifold, and safety paper; paper specialties.

Freedman, Olin E., 201 E. Walton Pl., Chicago 11, Ill. Consultant to management in the Graphic Arts and allied industries.

Friden, Incorporated, 2350 Washington Ave., San Leandro, Calif. Automatic tape operated justifying typewriters; multiple station gathering machines; postal scales.

Frostad Engineering Co., 3037 S. Wentworth Ave., Milwaukee 7, Wis. Flexographic specialty printing presses for printing tapes, cellophane, wraps and tickets.

Fuller, E. C., Co., 28 Reade St., New York 7, N. Y. Bookbinding machinery and supplies.

G

Gaebel, Arthur H., Inc., P.O. Box 3, Larchmont, N. Y. Printers' line gauges, proportion scales, engravers' depth gauge, engravers' depth loupe and optical depthmeter; halftone screen determiner and computer.

Gaetjens, Berger & Wirth, Inc., 35 York St., Brooklyn 1, N. Y. Letterpress, offset, metal decorating, embossing and copperplate inks and supplies.

Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill. Bookbinders equipment and supplies.

Gardner Adjustable Quad Guide Co., 389 Northumberland Ave., Redwood City, Calif. Printing press gauge pins and paper cutter hold down clamps.

Garland Manufacturing Co., 46 Water St., Saco, Me. Rawhide mallets and hammers; nylon hammers.

Gay-Lee Company, 71 W. Fourteen Mile Rd., Clawson, Mich. Carbide tipped saws and routing bits.

○Gegenheimer, William, Co., Inc. See Baldwin-Gegenheimer Corp.

Gelb, Joseph, Co., 52 Arlington St., Newark 2, N. J. Gravure, offset and photoengraving lamps; contact masking color separation reproducer; lineup tables; vacuum printing frames, process cameras.

General Binding Corp., 1101 Skokie Hgwy., Northbrook, Ill. Process binding.

○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y. Printing machinery motors, controls, heating units, metal melting systems, timers, transformers, register control systems and fluorescent lighting equipment.

General Gravure Service Co., 1413 Chestnut Ave., Hillside, N. J. Multicolor gravure printing and coating cylinders, rotary die cutting cylinders, register embossing cylinders.

General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill. Gravure, offset and photoengraving equipment and supplies.

General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y. Letterpress, offset and gravure printing inks; driers, varnishes and compounds; offset platemaking chemicals and supplies. Branch Offices: San Francisco 3, 1425 Folsom St.; Los Angeles 21, 2458 Hunter St.; Chicago 12, 2320 W. Grand Ave.; Chicago 38, 6556 S. Melvina Ave.; Norwood, Mass., 601 Pleasant St.; Cambridge, Mass., 87 Binney St.; Detroit 4, 8747 Brandt Ave.; Kalamazoo 13F, Mich., 1087 N. Pitcher St.; St. Paul 4, Minn., 771 Raymond Ave.; St. Louis 3, 1514 Pine St.; Cincinnati 2, Third and Walnut Sts.; Cleveland 13, 310 Lakeside Ave., N.W.; Philadelphia 6, 29 N. Sixth St.; Fort Worth 7, Tex., 2506 Tillar St.; Seattle 1, Wash., 3131 Western Ave.; Milwaukee 2, Wis., 340 N. Milwaukee St.; Toronto 8, Ont., Canada, 821 Queen St., E.; Montreal 18, Que., Canada, 280 Lagauchetiere St., E.

General Radio Co., 22 Baker Ave., West Concord, Mass. Stroboscopes and sound level meters.

General Research & Supply Co., 572 S. Division Ave., Grand Rapids 3, Mich. Screen process printing press and drier; silk screen supplies.

General Roll Leaf Mfg. Co., 85-03—57th Ave., Elmhurst 73, N. Y. Roll leaf for hot stamping and embossing.

General Rubber Corp., Summit and Atwood Sts., Tenafly, N. J. Press and delivery tapes; transmission and conveyor flat and V-belts.

General Scientific Corp., 5151 W. 65th St., Chicago, Ill. Lenses for copying cameras.

General Strapping Corp., 100 Park Ave., New York 17, N. Y. General mailroom equipment.

Gerrard, A. J., & Co., 400 East Touhy Ave., Des Plaines, Ill. Metal and fiber strapping, tools and accessories.

Gerson, Louis M., Co., 73 Deering Rd., Mattapan 26, Mass. Silk screen paint (ink) strainers.

Gevaert Co. of America, Inc., The, 321 W. 54th St., New York 19, N. Y. Graphic Arts film.

Gibson Specialties, 6333 S. Ashland Ave., Chicago 36, Ill. Padding press.

○Gifford-Wood Company, One Hudson Ave., Hudson, N. Y. Materials handling equipment.

Gilbert Paper Co., 330 Ahnaip St., Menasha, Wis. Bond, cover, ledger, safety and writing papers, bristols.

Gitzendanner-Muller Company, 15 Vandewater St., New York 38, N. Y. Stitching machines and wire.

Glyco Chemicals, Div. Chas. L. Huisking & Co., Inc., 417 Fifth Ave., New York 16, N. Y. Wax for reproduction proofs.

Godfrey Roller Co., 211 N. Camac St., Philadelphia 7, Pa. Composition and rubber rollers, padding compound and rubber roller grinding for the trade, blanket solutions, molleton, makeready paste, typewash.

Goerz, C. P., American Optical Co., 461 Doughty Blvd., Inwood 96, N. Y. Camera lenses, shutters, prisms and straight line image reverser.

Gold Leaf and Metallic Powders, Inc., 145 Nassau St., New York 38, N. Y. Bronze and aluminum powders, gold leaf, bronzing machines.

Goodkin, The M. P., Co., Sub. Goodkin Mfg. Corp., 112-120 Arlington St., Newark 2, N. J. Manufacturer of Graphic Arts cameras and related items.

Goodrich, B. F., Chemical Co., Div. of The B. F. Goodrich Co., 3135 Euclid Ave., Cleveland 15, O. Rubber and plastic compounds for making printing plates, cylinder and tympan packing.

Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O. Rubber rollers, air tubing, belts, insulators.

Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass. Rubber blankets, cutting rubbers, and felt blankets, engravers' gum, bag printing gum, unvulcanized gum.

○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill. Newspaper, magazine and rotogravure presses and stereotype platemaking equipment. Branches: 220 East 42nd St., New York 17, N. Y., 74 New Montgomery St., San Francisco 5, Calif.

Gotham Ink & Color Co., 5-19—47th Ave., Long Island City 1, N. Y. Gravure and flexographic inks.

Graeber Stringing and Wiring Machine Co., Div. New Era Mfg. Co., 233 Central Ave., Hawthorne, N. J. Machine for stringing booklets, shipping and merchandise tags; patching and eyeletting equipment.

Graham Transmissions, Inc., Menomonee Falls, Wis. Variable speed transmissions for controlling press speeds.

Grammes, L. F., & Sons, 346 Union St., Allentown, Pa. Gluing and tin edging machines.

Graphic Arts Corp. of Ohio, 110 Ottawa St., Toledo 10, O. Offset printing plates, rotogravure plates, advertising art and commercial photography.

Graphic Arts Employment Service, Inc., 307 E. Fourth St., Cincinnati 2, O. Placement of executive, supervisory, sales and technical personnel.

Graphic Arts Equipment & Supply Co., 430 Howard St., San Francisco 5, Calif. Printing and bindery machinery and supplies.

Graphic Arts Equipment Co., 117 W. Harrison St., Chicago 5, Ill. Machinery dealer.

Graphic Arts Industry, Inc., 1104 Currie Ave., Minneapolis 3, Minn. Management consultants and printing plant engineering.

Graphic Arts Research Foundation, 112 W. Kinzie St., Chicago 10, Ill. Revetch and Beda proofing presses, reproportioning camera.

Graphic Chemical & Ink Co., 714 N. Ardmore Ave., Villa Park, Ill. Letterpress, lithographic and die stamping inks and supplies.

Graphic Machinery Exchange, Inc., 66 Prince St., Brooklyn 1, N. Y. Rebuilt equipment for letterpress and offset printers, folding paper box and allied trades.

Graphic Photo Engraving Co., Inc., 207 W. 25th St., New York 1, N. Y. Halftone screens.

Graphic Supply Co., Inc., 22 Bond St., New York, N. Y. Rollers; engravers' and lithographers' metals and supplies.

Grauert, Ralph W., Inc., 100 Gold St., New York 38, N. Y. Gold, aluminum and colored leaf.

Gravure Engraving Corp., 709 Main St., Holyoke, Mass. Engravers of gravure printing rolls and plates; copper and chrome plating.

Gravure Process Co., 4179 W. Belmont Ave., Chicago 41, Ill. Gravure platemaking for the trade.

Graymills Corporation, 3705 N. Lincoln Ave., Chicago 13, Ill. Ink pumps for flexographic and rotogravure presses; viscometers.

Greene, C. R., Printing Co., 115 N. Fourth St., Tipp City 1, O. Striplike material for locking in forms between type matter and chase to prevent workups.

Green's Paste Works, 200 Liverpool Rd., Liverpool, N. Y. Padding compound and specialty glues.

Greer, Robert Royden, 5201 Wilshire Blvd., Los Angeles 36, Calif. Printing engineer and appraisor; auctioneer.

Griffin, Campbell, Hayes, Walsh, Inc., 50 E. 21st St., New York 10, N. Y. Hot stamping press.

Griffiths, John, Co., Inc., 415 Lexington Ave., New York 17, N. Y. Machinery dealer; newspaper presses and stereotype machinery.

Guardian Fire Reduction Co., 411 Center St., Little Rock, Ark. Cleaning service for mechanical departments in all types of printing plants.

Gulf Laminates, Inc., Picayune, Miss. Wood base material for mounting photoengravings.

Gummed Tape & Devices Co., 66 York St., Jersey City 2, N. J. Gummed tape and tape moisteners.

Gustafson Tool Co., 239 Centre St., New York 13, N. Y. Drying racks, roller racks, rolling tables, utility racks, and offset plate racks.

H

H. & H. Products, 1930 S. State St., Chicago 16, Ill. Dry spray offset preventing equipment.

H & M Taping Div., 645 N. Sumner Ave., Scranton, Pa. Adhesive tape type tieup device.

Haberule Company, Wilton, Conn. Copyfitting system.

Hackensack Specialty Mfg. Co., The, 200 Atlantic St., Hackensack, N. J. Tweezers.

Haida Engineering Co., 34-11 Vernon Blvd., Long Island City 6, N. Y. Printing presses, carbon paper coating machines, foil coloring and laminating machines.

Halber Corporation, 4151 Montrose Ave., Chicago 41, Ill. Portable photolettering machine.

Hall, George R., Inc., 21208 Beachwood Dr., Cleveland 16, O. Printing machinists; magazine and newspaper press installations.

Halm Instrument Co., Inc., Glen Head Rd., Glen Head, L. I., N. Y. Card and envelope printing press.

Haloid Xerox, Inc., 2 Haloid St., Rochester 3, N. Y. Commercial photocopying machine, chemicals and accessories; negative material for the Graphic Arts.

Halvorfold Kwikprint Co., 700 E. Union St., Jacksonville, Fla. Gold stamping and embossing machine; gold leaf and colored foil.

Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis. Cabinets, tables, wood type, form lockup furniture and other equipment.

Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O. Printing presses, perforators, punches, slitters, lift trucks.

Hammermill Paper Co., 1472 E. Lake Rd., Erie 6, Pa. Bond, envelope, stock, cover, duplicator, ledger, offset, opaque, safety, bristol and mimeograph papers.

○**Hammond Machinery Builders, Inc.**, 1600 Douglas Ave., Kalamazoo 54, Mich. Saw-trimmers, stereotype casting equipment, routers, plate planers, melting pots.

Handschy, A. E., Co., 2525 N. Elston Ave., Chicago 47, Ill. Letterpress and offset inks.

○**Hansen Metal Products Co.**, 7171 W. Bloomingdale Ave., Chicago 35, Ill. Dispatch room equipment; mat service cabinets, proofreaders' desks, Baldwin conveyors.

Hanson-Van Winkle-Munning Co., 100 Church St., Matawan, N. J. Electroplating and anodizing process equipment and supplies.

Hantscho, George, Co., Inc., 602 S. Third Ave., Mount Vernon, N. Y. Offset and letterpress web printing presses designed and built to specifications.

Harley, E. L., Inc., 8701 Third Ave., Brooklyn 9, N. Y. Device for mounting rubber plates in register on press cylinders; rubber plate grinder; sheetfed flexographic press for proofing and imprinting.

○**Harris-Seybold Company, Div. of Harris-Intertype Corp.**, 4510 E. 71st St., Cleveland 5, O. Offset, rotary letterpress, metal decorating, cutters, trimmers, drills, punches; key register equipment. Branches: 1430 Illuminating Bldg., 55 Public Square, Cleveland 13, Ohio; 800 Second Ave. Bldg., Corner of 42nd St. & Second Ave., New York 17, N. Y.; Rm. 1134, Rice Bldg., 10 High St., Boston 10, Mass.; One Belmont Ave., Bala-Cynwyd, Pa.; 531 Du Pont Circle Bldg., 1346 Connecticut Ave., N.W., Washington 6, D. C.; 640 W. Washington Blvd., Chicago 6, Ill.; 306 Fourth Ave., South, Minneapolis 15, Minn.; 2636 Locust St., St. Louis, Mo.; 124 16th St., N.W., Atlanta 13, Ga.; 1808 Hi-Line Dr., Dallas, Tex.; 885 Bryant St., San Francisco 3, Calif.; 1830 W. Pico Blvd., Los Angeles 6, Calif.; 445 King St., West Toronto 2B, Ont., Can.; 637 Craig St., West Montreal, Que., Can.; Seybold Div., 819 Washington St., Dayton F7, O.

Hart, Raymond S., Inc., 336 W. Islip Blvd., West Islip, N. Y. Moisture meters.

Hart, William C., Co., Inc., 263—25th St., Brooklyn 32, N. Y. Printers rollers, composition, rubber, vulcanized oil.

Harteo Manufacturing Co., 224 Meade St., Chester, Pa. Spaceband cleaning machine.

Hartman Metal Fabricators, Inc., Waterloo, N. Y. Paper handling racks and power docks.

Hartnett, R. W., Co., 1025 Cherry St., Philadelphia 7, Pa. Special machinery designed and built for any purpose in the Graphic Arts industry; tablet and capsule printing presses.

Hartzell Machine Works, Market St. and Bethel Rd., Chester, Pa. Monotype molds and mold repairs; spaceband cleaning machines.

Hastings & Company, Inc., 2314 Market St., Philadelphia 3, Pa. Roll leaf and foil for hot press stamping.

○**HCM Corporation**, 80 Varick St., New York 13, N. Y. Offset and cylinder letterpresses; electronic engravers.

○**Heidelberg Automatic Presses**—Heidelberg Eastern, Inc.—73-45 Woodhaven Blvd., Glendale 27, L. I., N. Y.; 227 N. Third St., Columbus 15, O.; 2015 S. Michigan Ave., Chicago 15, Ill.; 3501 Detroit Ave., Cleveland, O.; Heidelberg Southern Sales Co., 120 N. Sampson St., Houston 3, Tex.; Heidelberg Western Sales Co., 1700 S. Wall St., Los Angeles 15, Calif. Distributors of Heidelberg platen and cylinder presses.

Heinrich Equipment Corp., 111 Eighth Ave., New York 11, N. Y. Flexographic printing presses; paper bag machinery; plastics extruders.

Heinsohn, A. E., Printing Machinery & Supplies, 1443 Blake St., Denver 2, Colo. Machinery and supplies.

Heinz, A. P., Co., 2422 Lunt Ave., Chicago 45, Ill. Collating machines.

Hempel, H. A., 586 Tonawanda St., Buffalo 7, N. Y. Quoins and keys.

Herbert Products, Inc., 180 Linden Ave., Westbury, L. I., N. Y. Static neutralizing bar, heaters and ink driers, drying ovens.

Herrick, Wm. C., Ink Co., Inc., One Maple St., East Rutherford, N. J. Letterpress, lithographic, offset, and gravure inks, driers, varnishes.

○**Hess & Barker**, 930 Washington Ave., Philadelphia 47, Pa. Fourcolor letterpress printing press, web offset press; curved platemaking equipment.

Hewson Company, Inc., The, 443 Broad St., Newark 2, N. J. Static control and static alarm systems.

Hickok, W. O., Mfg. Co., Ninth and Cumberland Sts., Harrisburg, Pa. Knife grinders, shears, paper presses, numbering machines, backers, heaters, stabbing machines, tables, feeders, benches, ruling machines, banding machines, round corner cutters.

Hiertz, Theo., Metal Co., 8011 Alaska Ave., St. Louis 11, Mo. Metal for linecasting machines; stereotype, electrotype and toner metal; metal flux; composing machine lubricant.

Hill-Hentschel Company, 3928 Clayton Ave., St. Louis 10, Mo. Letterpress, offset, gravure, flexographic, engraving, and metal decorating ink.

Hi-Speed Roller Co., Inc., 3157 Tchoupitoulas St., New Orleans 15, La. Synthetic rubber rollers; newspaper and offset press blankets.

Hobbs Manufacturing Co., 26 Salisbury St., Worcester 5, Mass. Die cutting presses; shears for bookbinders and printers; slitting, cutting and creasing machinery; tension devices.

Hoch, Fred W., Associates, Inc., 461 Eighth Ave., New York 1, N. Y. Printing management and production service.

○**Hoe, R., & Co., Inc.**, 910 E. 138th St., New York 54, N. Y. Newspaper, magazine, rotogravure, offset and metal decorating printing presses; stereotype and electrotype platemaking equipment.

Hoeffler, J., & Co., 100 Sixth Ave., New York 13, N. Y. Printing, offset and proving inks.

Hold Heet Products Co., 905 Belmont Ave., Chicago 14, Ill. Glue pot.

Holmstrom, Axel, Etching Machines, 2555 Carpenter St., Philadelphia 46, Pa. Photoengraving etching machine.

Hoosier Tarpaulin & Canvas Goods Co., Inc., 1302 W. Washington St., Indianapolis 6, Ind. Printers' aprons.

Horn Industrial Finishes, Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y. Industrial finishes, protective coatings, silk screen paint.

House, Chas. W., & Sons, Inc., 505 Fifth Ave., New York 17, N. Y. Press cylinder blankets, tapes and webbing.

Howard Paper Co. Div., Howard Paper Mills, Inc., Urbana, O. Sulphite bond, ledger, writing and mimeograph papers.

Hoyt, Arthur S., Co., Inc., 20 Jerusalem Ave., Hicksville, L. I., N. Y. Wheat paste in powder form.

Huber, J. M., Corp., 1478 Chestnut Ave., Hillside, N. J. News, gravure, letterpress and offset inks, driers, compounds and specialties. Branches: P.O. Box 309, La Grange, Ill.; 150 N. Front St., St. Louis, Mo.; Huber, Ga.

Huck Company, 72 W. 45th St., New York 36, N. Y. Automatic press web control; special machinery designers.

Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis. Letterpress and rotogravure presses, sheeters and waxers; die inking units for embossers.

Humphrey Design & Mfg., Inc., 16343 Euclid Ave., East Cleveland 12, O. Designs and develops special machines for packaging and converting purposes; flexographic printing presses.

Hunt, Philip A., Co., Palisades Park, N. J. Chemicals for photoengravers and offset platemakers.

Hurletron, Incorporated, Danville, Ill. See Electric Eye Equipment Co.

○**Hutzler, Federico K.**, 1133 Broadway, New York 10, N. Y. Line composing machine spacebands.

Hyster Company, P.O. Box 4318, Portland 8, Ore. Lift trucks and clamp attachments for transporting roll and skid paper and other materials.

I

○**Ideal Roller & Mfg. Co., Inc.**, 2512 W. 24th St., Chicago 8, Ill. Letterpress, lithographic, flexographic, rotogravure and mechanical rollers; surfacing and sectional machines; rubber plate gums and adhesives. Factories: Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.; 21-24 39th Ave., Long Island City 1, N. Y.; 6069 Maywood Ave., Huntington Park, Calif.; 5238 Peachtree Rd., N.E., Chamblee, Ga. Sales offices: 100 S. Gay St., Baltimore 2, Md.; 2132 Chatham Ave., Charlotte, N. C.; 1717 Section Rd., Roselawn Center Bldg., Cincinnati 37, O.; 2131 S. Harwood, Dallas 15, Tex.; 1443 Blake St., Denver 2, Colo.; 3049 E. Grand Blvd., Detroit 2, Mich.; 225 W. Eighth St., Kansas City 5, Mo.; 919 Walnut St., Philadelphia 7, Pa.; 1828 W. Jefferson, Phoenix, Ariz.; 14 Franklin St., Rochester 4, N. Y.; 246 W. First South St., Salt Lake City, Utah; 3818 Laclede Ave., St. Louis 8, Mo.; 158 S. Park St., San Francisco 7, Calif.; 10 High St., Boston 10, Mass.; 1828 Audubon Dr., Clearwater, Fla.; 20575 Center Ridge Rd., Cleveland 16, O.; 200 Woodmont Circle, Nashville 5, Tenn.; 400 Hollywood Ave., Hoboken, N. J.; 4377 N. Teutonia St., Milwaukee 9, Wis.; 1821 University Ave., Midway-Griggs Bldg., St. Paul 4, Minn.

Illinois Testing Laboratories, Inc., 420 N. LaSalle St., Chicago 10, Ill. Portable and stationary pyrometers.

Illinois Zinc Co., 2959 W. 47th St., Chicago 32, Ill. Zinc offset plates.

○**Imperial Type Metal Co.**, 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.; 50 Church St., New York 7, N. Y. Composing, stereotype, electrotype metals and photoengraving zinc.

Inco Company, The, 2372 W. Seventh St., Cleveland 13, O. Letterpress and offset inks.

Indiana Chemical & Mfg. Co., 624 E. Walnut St., Indianapolis 4, Ind. Ink driers, reducers, varnish and specialties, roller washes, gloss ink conditioners, metal flux and static eliminators.

Industrial Engraving Co., Church and Banks Sts., Easton, Pa. Cylinder platemaking for the trade.

Industrial Fastener Div., Heller Roberts Mfg. Corp., 6115 Carnegie Ave., Cleveland 3, O. Nailing and stitching machines and wire.

Industrial Marketing Equipment Co., Inc., 655 Berriman St., Brooklyn 8, N. Y. Presses for bag, carton and container printing.

Industron Corporation, 55 Needham St., Newton Highlands 61, Mass. Stereotype electronic mat preshrinker.

Inland Newspaper Machinery Corp., 1720 Cherry St., Kansas City 8, Kan. Machinery dealers.

○**Inland Wire Products Co.**, Crawfordsville, Ind. Newspaper bundle tying machines, stitching and bookbinder wire, stitching machines, and round and flat steel strapping.

Intaglio Service Corp., 305 E. 46th St., New York 17, N. Y. Gravure cylinder sleeve and platemaking for the trade.

Inta-Roto Machine Co., Inc., P.O. Box 454, Byrd Airport, Richmond 3, Va. Rotogravure and flexographic presses; cylinder engraving for the trade.

○**Interchemical Corporation, Printing Ink Div.**, 67 W. 44th St., New York 36, N. Y. Letterpress, gravure, flexographic, screen process, steel die, and offset inks, compounds, driers, reducers. Branches: 3333 Empire Blvd., S.E., Atlanta, Ga.; 700 S. Kane St., P.O. Box 5136, Baltimore, Md.; 77 Dingens St., Buffalo 6, N. Y.; 175 Albany St., Cambridge 39, Mass.; 636—11th Ave., New York 36, N. Y.; Germantown Ave. and New Market St., Philadelphia 23, Pa.; 175 N. Water St., Rochester 4, N. Y.; 1034 W. Fayette St., Syracuse 4, N. Y.; 4700 Paddock Rd., Cincinnati 29, O.; 640 E. Walnut St., Indianapolis, Ind.; 2928 Sidco Dr., Nashville 3, Tenn.; 3425 W. Leigh St., Richmond 3, Va.; Merrill Park, P.O. Box 199, Battle Creek 101, Mich.; 161 W. Harrison St., Chicago 5, Ill.; 1325 W. 73rd St., Cleveland 2, O.; 1501 Turtle Creek Blvd., Dallas 2, Tex.; 1210 Santa Fe Dr., Denver 4, Colo.; 3100—14th St., Detroit 16, Mich.; 620 Commerce Lane, Kalamazoo 3, Mich.; 1130 Elmwood Ave., Kansas City 27, Mo.; 105 E. Melvina St., Milwaukee 1, Wis.; 2541 Hiawatha Ave., Minneapolis 1, Minn.; 711 St. Charles St., New Orleans 13, La.; 4168 Meramec St., St. Louis 16, Mo.; 60 Sterling Ave., Rittman, O.; 1782 Latham St., Memphis 3, Tenn.; 117 W. Griffith St., Charlotte, N. C.; 707 E. 62nd St., Los Angeles 1, Calif.; 1525 N. W. 23rd Ave., Portland 10, Ore.; 212 Maritime Bldg., Seattle 4, Wash.; 2302 Market St., Jacksonville, Fla.; 2250 State St., Hamden 17, Conn.; 132 Q St., N.E., Washington, D. C.; 1133 Maple St., Louisville, Ky.; 2132 N.W. 36th St., Miami, Fla.; 956 Telegraph Rd., Mobile, Ala.; 3006-8 S. Lee Ave., Monroe, La.; P.O. Box 446, Mt. Vernon, O.; 318 First St., Neenah, Wis.; 1701—16th St., Oakland 7, Calif.; 2310 Main St., P.O. Box 7805, Pittsburgh 15, Pa.

Intercontinental Marketing Corp., 45-17 Pearson, Long Island City, N. Y. Rotogravure equipment and supplies; machinery dealers.

International Business Machines Corp., 590 Madison Ave., New York 22, N. Y. Justifying typewriter.

International Dry Spray Corp., 13 E. 19th St., New York 3, N. Y. Dry powder offset eliminating device.

International Newspaper Supply Corp., 1639 N. Lorel Ave., Chicago 39, Ill. Stereotype metal pump.

International Paper Co., 220 E. 42nd St., New York 17, N. Y. Bond, book, bristol, manila, offset, postcard, tag, mimeograph, duplicator, newsprint and manifold papers.

○**Intertype Company, Div. Harris-Intertype Corp.**, 360 Furman St., Brooklyn 1, N. Y. Linecasting and phototypesetting machines and supplies. Branch offices: 80 Federal St., Boston 10, Mass.; 500 Sansome St., San Francisco 11, Calif.; 1220 S. Maple Ave., Los Angeles 15, Calif.; 1007 Camp St., New Orleans, La.; 57 W. Grand Ave., Chicago 10, Ill, 800 Second Ave., New York 17, N. Y., 55 Public Square, Cleveland 13, O.

Invincible Vacuum Cleaner Mfg. Co., Dover, O. Equipment for cleaning loose, dry particles from webs, printing presses, folders, type cases and all types of equipment.

Irwin Manufacturing Co., Inc., Main St., Garland, Pa. Wood block, cutting sticks, regleta, furniture, drawing and router boards.

J

Jacobs, Louis R., 2546 S. Phillip St., Philadelphia 48, Pa. Quoins and machinery dealers.

○Jampol Corporation, 728—61st St., Brooklyn 20, N. Y. Newspaper and magazine material handling equipment.

Johnson, Joseph E., Co., 610 Atlantic Ave., Brooklyn 17, N. Y. Steel and brass type; steel and brass lettering dies; metal marking devices.

Johnson, Wm. R., Co., Inc., 3131 Western Ave., Seattle 1, Wash. Padding compounds and glue.

Johnstone Engineering and Machine Co., First Ave. and Gay St., Parkesburg, Pa. Slitting and rewinding machines.

Jomac, Incorporated, 6128 N. Woodstock St., Philadelphia 38, Pa. Dampening roller cover and roller dampener cleaner.

Jones Graphic Products Co., 320 Broadway, S.E., Albuquerque, N. M. Offset and photoengraving platemaking equipment and supplies.

Jones, James H., Co., 808 W. Washington Blvd., Chicago 7, Ill. Bookbinding machinery, new and rebuilt.

Judson Type, Inc., 151 W. 23rd St., New York 11, N. Y. Type and rules; machinery and supplies dealer.

Justrite Manufacturing Co., 2061 N. Southport Ave., Chicago 14, Ill. Safety and oily waste cans.

K

KVP Sutherland Paper Co., Kalamazoo, Mich. Offset, parchment and manifold papers.

Keller, George R., Inc., 1228 Mt. Olivet Rd., N.E., Washington 2, D. C.; 36 E. 25th St., Baltimore 18, Md.; 3108 W. Griffith St., Charlotte 3, N. C. Machinery dealers.

Kellett Company, 640 S. Miller St., Chicago 7, Ill. Knife grinders.

Kellogg Div., American Brake Shoe Co., 97 Humboldt St., Rochester 9, N. Y. Air compressors.

Kelsey, W. A., Co., 45 Crown St., Meriden, Conn. Hand printing presses and machinery dealers.

○Kemp, The C. M., Mfg. Co., 405 E. Oliver St., Baltimore 2, Md. Gas heating equipment for composing and stereotype machinery and remelting pots.

○Kenro Graphics, Inc., Horsehill Rd., Cedar Knolls, N. J. Graphic Arts process, photocopy, and lateral reverse cameras.

Kidde Ultrasonic & Detection Alarms, Inc., Sub. of Walter Kidde & Co., Inc., 657 Brighton Rd., Clifton, N. J. Fire prevention equipment.

Kidde, Walter, & Co., Inc., 657 Main St., Belleville 9, N. J. Fire prevention equipment.

Kidder Press Co., Inc., 121 Broadway, Dover, N. H. Letterpress, flexographic and gravure presses; slitting and rewinding machines.

Kimberly-Clark Corporation, Neenah, Wis. Book, coated, bond and ledger, onion skin, mimeograph, duplicator, bristol, offset, cover, plastic, and specialty papers.

Kleen-Stik Products, Inc., 7300 W. Wilson Ave., Chicago, Ill. Pressure-sensitive paper, foil, film, and tape adhesives.

Klingler, Karl A., 124 S. Washington, Naperville, Ill. Consulting engineer for design and development of various printing equipment.

Kohl and Madden Printing Ink Corp., 1132 S. Jefferson St., Chicago 7, Ill.; 636—11th Ave., New York 36, N. Y. Inks, varnishes, compounds and driers, plastic inks, anti-oxidant spray.

Korfund Company, Inc., Cantiague Rd., Westbury, L. I., N. Y. Vibration elimination equipment; noise control and measurement.

Korn, Henry P., Associated, Inc. 5 Beekman St., New York 38, N. Y. Bronzing machines, cameras and supplies, chemicals for offset and photoengraving, routing machines; machinery dealers.

○Korthe Engineering Co., 9353 Seymour Ave., Schiller Park, Ill. Press web break detection device.

Kreonite, Incorporated, 1532 Barwise, Wichita 4, Kan. Cabinet sinks and individual glass fibre trays for platemakers, negative viewers, dot etch table, print washer.

L

L & W Service Co., 501 Bullocks Point Ave., E. Providence, R. I. Special matrices for all typecasting machines; multigraph type.

Lacey-Luci Products Co., 31 Central Ave., Newark 2, N. J. Cameras for offset, photoengraving and silk screen; offset platemaking vacuum frames; transparency viewers.

Lake Engineering Co., 312 Gostlin St., Hammond, Ind. Hydraulic waste material baling presses.

Lake Erie Machinery Corp., P.O. Box 68, Kenmore Sta., Buffalo 17, N. Y. Direct pressure presses for stereotype, electrotype, rubber and plastic plate molding; bag, box and carton making equipment and supplies.

Lake Shore Electrotype Div., Electrographic Corp., 1224 W. Van Buren St., Chicago 7, Ill. Electrotype and stereotype, Bishop plate pre-makeready processes.

Laminated Sheet Products Corp., 449 Neponset St., Norwood, Mass. Fibre and plastic gears, fabricator of plastic materials to customer specifications.

Lamson Corporation, 250 Lamson St., Syracuse 1, N. Y. Pneumatic dispatch tubes; conveyors, chutes, elevators, blowers.

Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass. Ink, overlay and makeready knives.

Lance, Chester L., Co., 620 Browder St., Dallas 1, Tex. Press grippers, press heaters and adjustable chases.

Langford, W. A., Co., 10114 S. Crandon Ave., Chicago 7, Ill. Camera for Graphic Arts reproduction work.

○Lanston Monotype Co., Div. Lanston Industries, Inc., G St. Below Erie Ave., P. O. Box 4768, Philadelphia 34, Pa. District Offices: 57 Forsythe St., Atlanta 3, Ga.; 441 Lexington Ave., New York 17, N. Y.; 608 S. Dearborn St., Chicago 5, Ill. Metal type material making machines; photocomposing machines; engraving offset and gravure platemaking machines and cameras; phototypesetting machines; offset platemaking equipment.

Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill. Paper cutters, drillers, three-knife trimmer, slotters, machinery dealers.

Lawson Printing Machine Co., The, 4453 Olive St., St. Louis 8, Mo. Power driven silk screen press.

Lawter Chemicals, Inc., 3550 Touhy Ave., Chicago 45, Ill. Fluorescent inks for silk screen printing; varnishes.

LeBlond, The R. K., Machine Tool Co., Madison and Edwards Rds., Cincinnati 8, O. Lathes for grinding and polishing rubber printing press rollers.

Lee, Arthur B., 22 W. 45th St., New York 36, N. Y. Copy fitting system.

Lee Machinery Corp., 23 W. 23rd St., New York 10, N. Y. Roll fed flexographic presses for printing from one to four colors on film, stock, paper and cloth.

Leedal, Incorporated, 2929 S. Halstead St., Chicago 8, Ill. Stainless steel processing sinks, trays, tables and carbon tissue storage cabinets.

Leiman Brothers Inc., P.O. Box 1339, 146-181 Christie St., Newark 5, N. J. Vacuum pumps.

Lencke Ink Pump Co., P.O. Box 1044, Reading, Pa. Ink pump.

Letterguide Company, 2709 O St., Lincoln, Nebr. Lettering equipment for reproduction purposes and direct cut silk screen film.

Letter-On Company, 9605 Bulls Run Parkway, Bethesda 14, Md. Paste-on letters for photomechanical reproduction.

Levey, Fred'k H., Co., Inc., Machinery Div., 4901 Grays Ave., Philadelphia 43, Pa. Bimetal and trimetal plates; chemicals; web offset and rubber plate printing presses; steam drum, flame impingement and tunnel web driers.

Levey, Fred'k H., Co., Inc., Printing Ink Div., 380 Madison Ave., New York 17, N. Y. Letterpress, offset and rotogravure inks.

Levy, Max, & Co., Wayne Ave. and Berkley St., Philadelphia 44, Pa. Halftone screens and special rulings on glass.

Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass. Lift-trucks, portable cranes and specialty handling appliances.

Lift Trucks, Inc., 2425 Spring Grove Ave., Cincinnati 14, O. Industrial lift trucks; electric powered fork trucks; platform trucks; tractors.

Link-Belt Co., 1700 Prudential Plaza, Chicago 1, Ill. Chain drives, conveyors, gear drives, variable speed drives, power transmission machinery.

Line-O-Proof, Inc., P.O. Box 121, East St. Louis, Ill. Automatic proving device for attachment to line composing machines.

Link Paper Co., 45 Cedar Lane, Englewood, N. J. Teletypesetter tape.

Linotype Maintenance Co., 136 Church St., New York 7, N. Y. Machinists; linecomposing machine parts and supplies.

Linotype Supply Co., 8 Beach St., New York 13, N. Y. Composing room and linecasting machine supplies; parts and accessories; repairs; machinery dealers.

Linton Brothers & Co., Inc. Div., Crocker Burbank Papers, Inc., 545 Westminster St., Fitchburg, Mass. Bristol, tag and book stocks.

Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y. Offset platemaking and pressroom chemicals, supplies and plates. Branches: 4227 W. 43rd St., Chicago 32, Ill.; 1418-22 Santa Fe Ave., Los Angeles 21, Calif.

Lithographic Technical Foundation, 131 E. 39th St., New York 16, N. Y. Lithographic technical books and publications; training materials and audio-visuals; LTF color chart negatives and positives; LTF register rule.

Lithoplate, Incorporated, Sub. of Harris-Intertype Corp., 1449 Industrial Park St., Covina, Calif. Presensitized offset plates; Harris lithographic press and platemaking chemicals.

Lockman, The Phillip, Co., 2405 Oakon St., Evanston, Ill. Photoengraving chemicals and supplies; lithographing chemicals and supplies.

Lockwood Company, The, 125 N. Fifth St., Atchison, Kan. Plastic base for mounting rubber printing plates in flatbed printing presses.

Lockwood's, Incorporated, 375—11th Ave., Paterson 4, N. J. Multicolor press for printing labels, merchandise tags and booklets, tickets, and the like.

Logan Engineering Co., 4901 W. Lawrence Ave., Chicago 30, Ill. Air conditioning equipment and supplies; compressed air and gas cleaners.

LogEtronics, Incorporated, 500 E. Monroe Ave., Alexandria, Va. Enlargers and contact printers with automatic electronic masking and exposure control.

Lorenz Printing Machine Co., Inc., 36-26—31st St., Long Island City 6, N. Y. Press engineers and machinists; machinery dealers.

Los Angeles Type Founders, Inc., 225 E. Pico Blvd., Los Angeles 15, Calif. Foundry type and rule; machinery dealers.

Lox Manufacturing Co., 3310 E. 31st St., Kansas City 28, Mo. Adhesives and solders.

Lubriplate Division, Fiske Bros. Refining Co., 129 Lockwood St., Newark 5, N. J. Lubricants.

Ludlow Papers Div., Ludlow Corporation, Ware, Mass. Metallic coated paper, gummed.

○Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill. Ludlow slugcasting machine and matrices; slug shear, slug surfacing machine; lead, slug, rule and base caster, molds and equipment; Brightype photomechanical conversion process.

Lumirol Corporation, 41 W. 25th St., New York 10, N. Y. Offset supplies.

Lyon Metal Products, Inc., Aurora, Ill. Steel clothing lockers; cabinets; stools; benches; work tables; engraving and electro cabinets.

M

M & M Research Engineering Co., Inc., 13360 W. Silver Spring, Butler, Wis. Silk screen printing presses and wicket conveyor driers.

Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa. Photographic arc lamps, transformers and rheostats; lamps for engraving, offset and gravure platemakers; arc lamp carbons, color matching and testing lamps.

Macbeth Daylighting Co., Little Britain Rd., Newburgh, N. Y. Color matching lamp with booth; inspection lamps, densitometers.

Macey Company, Sub. of Harris-Intertype Corp., 13835 Enterprise Ave., Cleveland 35, O. Automatic collating and stitching machines.

○Magnacraft Manufacturing Co.—See T. W. & C. B. Sheridan Co.

Magnat Machinery & Pattern Corp., P.O. Box 243, Leeds, Mass. Offset-gravure printing presses.

○Main, Chas. T., Inc., 80 Federal St., Boston 10, Mass. Architects, engineers and designers for newspaper printing and publishing plants.

Mallinckrodt Chemical Works, Second and Mallinckrodt Sts., St. Louis 7, Mo. Chemicals for offset, photoengraving and photography.

Manhasset Machine Co., Inc., 499 Bayview Ave., Amityville, N. Y. Flexographic, indirect offset, rotogravure and rubber plate and sales book presses; collating machines for business forms, lacquer and color coating machines; rewinders, slitters and bag making machines.

Manhattan Adhesives Corp., 425 Greenpoint Ave., Brooklyn 22, N. Y. Adhesives for bookbinding, flexible glues, pastes, padding glues and synthetic resin cements.

Manhattan Industrial Contracting Co., Inc., 3-17—26th Ave., Astoria 2, N. Y. Complete newspaper and plant installations, machinists and riggers.

Manning, Maxwell & Moore, Inc., Shaw-Box Crane & Hoist Div., W. Broadway, Muskegon, Mich. Hoists and cranes; platform scales.

Margach Manufacturing Co., Inc., 47 Wooster St., New York 13, N. Y. Metal feeders for composing machines, work holder and extension gauge for saw trimmers.

Mark Specialty Co., 183 St. Paul St., Rochester 10, N. Y. Makeready and overlay knives; magnifying and reducing glasses.

Markem Machine Co., 150 Congress St., Keene, N. H. Marking and printing machines; specialty inks.

Markwell Manufacturing Co., Inc., 200 Hudson St., New York 13, N. Y. Stapling and stitching machines and wire; stencil and marking supplies.

Marsh, Hamilton R., Co., 15th and Mt. Vernon Sts., Philadelphia 30, Pa. Machinery dealer.

Marsh Stencil Machine Co., 707 E. B St., Belleville, Ill. Stencil cutting machinery and supplies; electric tape moisteners.

Martin, L. C., & Associates, 302 Crestwood Village, Northfield, Ill. Single book and magazine fold and flat wrapping machine.

Maryland Wiping Cloth Co., 1810 Worcester St., Baltimore 30, Md. Wiping cloths.

Mason-Moore-Tracy, Inc., 28 E. Fourth St., New York 3, N. Y. Printing machinery dealers; machinists.

Master Appliance Corp., 1745 Flett Ave., Racine, Wis. Heated air blower for preventing ink offset on web printing presses.

○**Master Sales & Service Corp.**, 125 Greenwood Ave., Wyncote, Pa. Etching machines and photoengraving equipment; powderless etching equipment; plastic plate processing equipment.

○**Matrix Contrast Corp.**, 154 W. 14th St., New York 11, N. Y. Process for applying black and white contrast to linecasting machine matrices; linecasting machine cleaning brushes; mold lubricant. Branch Offices: 326 W. Madison St., Chicago 6, Ill.; 1105 Trenton St., Los Angeles 15, Calif.

Maxson Automatic Machinery Co., 98 Granite St., Westerly, R. I. Counter and marker machines, rotary sheeters, sheet deliveries, stackers, and static eliminating bars; web inspecting devices to classify sheet rejects.

Maxwell Paper Co., Div., Howard Paper Mills, Inc., Franklin, O. Bond, offset and mimeograph papers.

May Machine Co., Inc., 195 Chrystie St., New York 2, N. Y. Dies for bindery and pressroom; special dies.

MayVan Corporation, 1141 N. Washington Ave., Scranton 9, Pa. Crawford single-wrapping machine for individually wrapping newspapers.

McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn. Ruling, feeding and paging machines; imprinting, check and tape presses, stamp and coupon perforators, folding machines, electronic inserters, bookbinders' tools.

McCutcheon Bros. & Quality, Inc., 2653 N. Reese St., Philadelphia 33, Pa. Letterpress and offset inks, varnishes and driers.

McGraw Colorgraph Co., 175 W. Verdugo Ave., Burbank, Calif. Pigment papers (carbon tissue) for gravure and screen process printing.

McHugh, J. Thomas, Co., Inc., 6800 E. 32nd St., Indianapolis 26, Ind.; 500 Fifth Ave., New York 36, N. Y. Press rollers, blankets; stereotype molding blankets; cutting rubbers; linotype cam rollers.

M-D Blowers, Inc., Sub. Miehle-Goss-Dexter, Inc., 100 Fourth St., Racine, Wis. Air conditioning equipment and supplies.

Mead Papers, Inc., 118 W. First St., Dayton 2, O. Bond, ledger, book, coated cover and board, offset, postcard, bristol, blanks, mimeograph, duplicator, rotogravure, envelope, coated and specialty paper.

Megill, The Edward L., Co., 761 Atlantic Ave., Brooklyn 38, N. Y. Printing press attachments, gauge pins, gauges, gripper-fingers.

Mendes, J. Curry, Corp., New Bedford Industrial Park, New Bedford, Mass. Semi-automatic carbon snap-out form collating and tipping machines; automatic vertical stack collating machines.

Mendez Company, 30 Beekman St., New York 38, N. Y. Rule, borders and ornaments; type tie-up lock.

Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis. Flexographic and rotogravure printing presses; die cutting machinery; embossing presses; and special paper converting machinery.

Mercury Manufacturing Co., 4710 W. Division St., Chicago 51, Ill. Lift trucks and hand-operated fork trucks.

Mercury Printing Ink Corp., 41 Dundee Ave., Paterson 3, N. J. Manufacturers of lithographic and printing inks.

○**Mergenthaler Linotype Co.**, 29 Ryerson St., Brooklyn 5, N. Y. Phototypesetting machines; Linotype machines, parts, matrices and other devices; letterpress cylinder presses. Branches: 300 Luckie St., N.W., Atlanta 13, Ga.; Suite 844, Park Sq. Bldg., Boston 16, Mass.; 675 King St., W., Toronto 2B, Ont., Can.; 531 Plymouth Court, Chicago 5, Ill.; 1304 Dragon St., Dallas 7, Tex.; 155 Twelfth St., San Francisco 3, Calif.; 1212 Albany St., Los Angeles 15, Calif.

Merritt Products Co., 1747 Chester Ave., Cleveland 14, O. Padding compound, adhesives, hand cleanser, paste and liquid.

Merz-Vonder Haar Co., 809 Walnut St., Cincinnati 2, O. Manufacturers of book binding equipment such as turning-in machines and case making gauges.

Metron Instrument Co., 432 Lincoln St., Denver 3, Colo. Portable tachometer.

Metwood Manufacturing Co., Inc., Spruce St., Hanover, Pa. Utility tables.

Metzgar Conveyor Co., 412 Douglas St., N.W., Grand Rapids 4, Mich. Conveyor systems.

Miami Valley Coated Paper Co., Oxford Rd., Franklin, O. Bond, bristol, book, coated, cover, offset, postcard, tag, plastic coated, duplicator and specialty papers; masking papers.

Michael Lith Sales Corp., 145 W. 45th St., New York 36, N. Y. Paper cutter.

Mick, Walter K., Co., 500 Robert St., St. Paul 1, Minn. Paper drill, general and special machinery.

Mid-States Gummed Paper Div. of Minnesota Mining & Mfg. Co., 6850 S. Harlem Ave., Bedford Park, Ill. Gummed paper, pressure sensitive and heat sealed label paper.

Midwest Printers Supply, 1209 Sycamore, Cincinnati 10, O. Supply dealers, static tinsel and static eliminators; Linotype metal; leads, slugs, type; machinery dealers.

○**Midwest Publishers Supply Co.**, 4500 W. Cermak Rd., Chicago 23, Ill. Machinery dealers.

Miehle Company, The, Div., Miehle-Goss-Dexter, Inc., 2011 W. Hastings St., Chicago 8, Ill. Flatbed, automatic job and rotary letterpresses; offset and gravure presses; cutting and creasing presses; feeders, motors, etc.

Miller Apron Co., 1943 Fourth St., LaVerne, Calif. Printers' aprons.

Miller Lauffer Printing Equipment Corp., 280 Lafayette St., New York 12, N. Y. Tab inserter for presses, pre-determined counter; envelope press.

○**Miller Printing Machinery Co.**, 1103 Reedsdale St., Pittsburgh 33, Pa. Letterpress, offset, die-cutting, embossing, creasing, cutting and gravure presses.

Miller-Trojan Company, Inc., 3 N. Ridge Ave., Troy, O. Offset platemaking equipment, cameras, arc lamps, vacuum printing frames, tables and platemaking machinery; silk screen equipment.

Milwaukee Printers Roller Co., 422 S. Fourth St., Milwaukee 4, Wis. Machinery dealers, inking rollers.

Milwaukee Pump & Tank Works, Inc., 714 E. Nash St., Milwaukee 12, Wis. Portable ink tanks with pumps.

Minden Paper Gauge Co., Inc., 230 W. 41st St., New York 36, N. Y. Paper thickness gauges and paper testers (bursting strength).

Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn. Two sided gummed cellulose tape; glass bead tympan paper and blankets; presensitized offset plates; letterpress makeready and pre-makeready systems; offset chemicals and dampener roller covering.

Minnich Machine Works, 1607 Ridgely St., Baltimore 30, Md. Paper baling presses.

Miskella Infra-Red Co., E. 73rd and Grand Ave., Cleveland 4, O. Infra-red drying equipment for web printing presses.

Missouri Central Type Foundry, 705 E. Murdock St., P.O. Box 2066, Wichita 1, Kan. Type, metal feeders, saws, routers, casters and molders; machinery dealers.

Mitchell-Rand Insulation Co., 51 Murray St., New York, N. Y. Press packing and tympan paper.

○**Model Planning Co., Inc.**, 164 Greenway West, New Hyde Park, N. Y. Tri-dimensional models of equipment used in plant planning, including models of personnel and buildings; advisory service.

Model Printing Equipment Corp., 511 Madison St., Hoboken, N. J. Dry offset, letterpress and rotogravure presses.

Modern Equipment Co., Inc., 2011 Cuming St., Omaha 2, Neb. Newspaper folding machines.

Modern Matrix Co., P.O. Box 192, Grantsburg, Wis. Special matrices and border slides; tool for aligning lugs on matrices.

Modi-Graphic, Incorporated, 215 E. Ninth St., Cincinnati 2, O. Cameras for reproportioning type reproduction proofs, for making photostats, for making silk screen stencils and for straight camera work; reproduction letters.

Mohr Lino-Saw Co., 8015 N. Ridgeway Ave., Skokie, Ill. Line composing machine saws.

Moler, Don A., Distributors, 4435 Wisconsin Ave., N.W., Washington 16, D. C. Machinery dealers.

Monitor Controller Div., Industrial Electronics Co., Inc., 99 Grove St., Rockland, Mass. Motor controllers and starters.

○**Monomelt Company, Inc., The**, 1611 Polk St., N.E., Minneapolis 13, Minn. Composing machine melting equipment; electrotype molding equipment; shavers.

○**Montgomery Company, Inc.**, 406 William St., P.O. Box 309, Towanda, Pa., Linotype magazines.

Moore, Jack, 560 Eastland Rd., Berea, O. Special matrices for all type and linecasting machines; steel and Duralumin Type newspaper heads; newspaper base and page trucks.

Moore, Kenneth J., & Co., 1778 W. Estes Ave., Chicago 26, Ill. Gluing, labeling, coating, laminating machines; flexographic and rotary presses; designers and builders of specialty equipment.

Moore Laboratories, 10326 Fenkell, Detroit 38, Mich. Screens and chemicals; halftone tints.

Morehouse-Cowles, Incorporated, 1150 San Fernando Rd., Los Angeles 65, Calif. Ink grinding and mixing equipment.

Moreland Corporation, The, York and Fitzwatertown Rds., Willow Grove, Pa. Rubber and synthetic rollers for letterpress and offset presses.

Morgan Adhesives Co., 4560 Darrow Rd., Stow, O. Pressure sensitive adhesive papers, foils and films.

Morningstar-Paisley, Incorporated, 630 W. 51st St., New York 19, N. Y. Adhesives for various uses; offset preventing spray gun solutions.

Morrill, George H., Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y. Branches: Chicago 7, 42 N. Racine Ave.; St. Louis 3, 1514 Pine St.; Ft. Worth 7, Tex., 2506 Tillar St.; Detroit 4, 8747 Brandt St.; Norwood, Mass., 601 Pleasant St. Newspaper, letterpress, offset and water color inks.

○**Morrison Company, The**, 125 W. Melvina St., Milwaukee 12, Wis. Composing room saw trimmers and stereotype saws for printers and engravers, slug stripper, router and type high planer, plate beveler.

Morrison Printing Ink Co., The, 1051 Power Ave., Cleveland 14, O. Letterpress and offset inks; newspaper colors and heat set inks.

Mort, Ralph H., Co., 102 N.W. Ninth Ave., Portland 9, Ore. Dampener cleaner for offset press rollers; developing tables; downdraft for deep-etch platemaking.

Mosstype Corporation, 150 Franklin Turnpike, Waldwick, N. J. Multiplate mounting and multicolor proving machines for mounting and registering rubber plates and design rollers.

Motter, John C., Printing Press Co., 907 Roosevelt Ave., York, Pa. Rotogravure publication presses; web-fed letterpress presses; magazine folders; gravure proof presses; transfer machines; doctor blade grinders.

Munising Division, The, Kimberly-Clark Corp., Munising, Mich. Bond, ledger, offset, specialty, mimeograph, plastic coated and duplicator papers.

Munning & Munning, Inc., 202 Emmet St., Newark 5, N. J. Equipment for plating stereotype and electrotype plates; plating equipment for facing printing and textile printing rolls with copper and chromium and for building up roll thickness after having been dressed down.

Munro, W. L., 401 Broadway, New York 13, N. Y. Electric pickup and electric eye counting devices for folding machines, gang stitchers and ruling machines.

Murphy, George, Inc., 57 E. Ninth St., New York 3, N. Y. Chemicals and supplies.

Murray, D. J., Mfg. Co., 1002 Third St., Wausau, Wis. Grid unit heaters and humidifiers; grid blast heaters and fin type radiation.

N

Nashua Corporation, 44 Franklin St., Nashua, N. H. Gummed, metallic and specialty papers.

Nashua Package Sealing Div., Nashua Corporation, 44 Franklin St., Nashua, N. H. Package sealers, moistening machines and gummed tape.

National Adhesives Div., National Starch and Chemical Corp., 750 Third Ave., New York, N. Y. Adhesives.

National Baling Press & Equipment Co., 1071 E. 48th St., Brooklyn 34, N. Y. Hand and electric baling machines and supplies, hand trucks, baling wire, scales, grease gun.

National Bundle Tyer Co., 320 Adrian St., Blissfield, Mich. Tying and stringing machines.

○**National Cash Register Co.**, Dayton 9, O. No Carbon Required paper for business forms printing.

National Laboratories & Mfg. Co., 112 Greenwood Ave., Midland Park, N. J. Web scanner.

National Lead Co., 111 Broadway, New York 6, N. Y.; Atlantic Branch, Metal Division, 1050 State St., Perth Amboy, N. J. Type metal, plate backing, metal flux, patent base, plate mounting accessories.

National Numbering Machine Co., Inc., 42-25 Ninth St., Long Island City 1, N. Y. Typographic, rotary head and special numbering machines, printing supplies.

National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7, Ill. Photoengravers copper, zinc, chemicals and equipment; stripping film; proofing paper; plastic etching machine for copper, zinc and magnesium; cathode lights; flush mounting presses, polishing machine.

National Ultrasonic Corp., 111 Montgomery Ave., Irvington 11, N. J. Ultrasonic equipment for cleaning dried ink and/or other materials which are difficult to separate from printing plates.

National Wiping Cloth Co., 2519 N. Second St., Philadelphia, Pa. Wiping cloths.

Naz-Dar Company, 461 Milwaukee Ave., Chicago 10, Ill. Silk screen equipment and supplies.

Neenah Paper Co., Neenah, Wis. Bond, ledgers, index bristol and specialty papers.

Nekoosa-Edwards Paper Co., Port Edwards, Wis. Bond, offset ledger, duplicator and mimeograph papers.

New England Newspaper Supply Co., 164 Fremont St., Worcester 3, Mass. Press blankets, tympans, stereotype supplies.

New Era Mfg. Co., 233 Central Ave., Hawthorne, N. J. Letterpress and offset presses, die cutting presses, fanfold machines, gathering machines.

New Jersey Wire Stitching Machine Co., 604 S. Second St., Camden 3, N. J. Stitching machines and stapling machines.

New York & Pennsylvania Co., 425 Park Ave., New York 22, N. Y. Bond, book, offset, duplicator, envelope, mimeograph and rotogravure papers.

Newspaper Publishers Supply Co., 1639 N. Lorel Ave., Chicago 39, Ill. Machinery dealer.

Newton Machine Co., 211 High Ave., Cleveland 15, O. Composing machine and press repairers.

Niles & Nelson, Inc., 75 West St., New York 6, N. Y. Rubber rollers and blankets for newspaper press.

Nissenbaum, Irving, Inc., 114 W. 27th St., New York 1, N. Y. Machinery dealers.

Nolan Corporation, 1333 E. Dominick St., Rome, N. Y. Composing room, photoengraving, stereotype, pressroom and bindery equipment.

Nolan Machinery Co., Port St., Pulaski, N. Y. Type high gauge; newspaper page makeup trucks.

Norma-Hoffman Bearings Corp., Stamford, Conn. Bearings.

Norman-Willets Graphic Supply Co., 316 W. Washington St., Chicago 6, Ill. Offset, photoengraving and silk screen equipment and supplies.

North American Products Corp., 707 Bartley St., Jasper, Ind. Carbide tipped saw blades, cutters and tools.

Northern Machine Works, 323 N. Fourth St., Philadelphia, Pa. Tag printing press and tag making machine, offset press, paper cutters, machinery dealers.

Northwest Paper Co., Cloquet, Minn. Bond, ledger, book, specialty, bristol, cover, offset, postcard, mimeograph, envelope and duplicator papers.

Northwestern Electric Co., 1750 N. Springfield Ave., Chicago 47, Ill. Motors for printing machinery, variable speed drives and controls.

Novak Company, Inc., The, 118 Waynewood Park, Plainfield, N. J. Belt copy conveyor systems.

Nu-Film Products Co., Inc., 56 W. 22nd St., New York 10, N. Y. Stencil film for silk screen process.

nuArc Company, Inc., 4110 W. Grand Ave., Chicago 51, Ill. Motor driven arc lamps, vacuum printing frames, and light tables, plate and film storage cabinets, dark room safelights, vacuum blankets.

Nygren-Dahly Company, 1422 W. Altgeld St., Chicago 14, Ill. Bindery equipment; one to four color flexographic press.

O

Offen, B., & Co., 29 E. Madison Ave., Chicago 2, Ill. Web drier equipment, air conditioning and ventilation.

Ohio Art Materials Co., 2174 E. Ninth St., Cleveland 15, O. Silk screen and sign supplies.

Ohio Blow Pipe Co., 1731 Doan Ave., Cleveland 12, O. Automatic systems for removal and baling of trim waste from binding and cutting machines.

Ohio Knife Co., The, B. & O. Railway and Dreman Ave., Cincinnati 23, O. Paper trimming knives; doctor and fountain blades.

Ohio Roller Co., Inc., 4408 Detroit Ave., Cleveland 13, O. Printers rollers, trucks and cores, graining and coating rollers.

Ohio Wiping Cloth Mfg. Co., The, 1600 Woodland Ave., Cleveland 15, O. Wiping cloths.

Oilgear Company, The, 1560 W. Pierce St., Milwaukee 4, Wis. Motors and controls.

OlsenMark Corporation, 124 White St., New York 13, N. Y. Mechanical overlay and stamping press, specialty inks, leaf.

Ortleb Machinery Co., 3818 Laclede Ave., St. Louis 8, Mo. Ink agitators, printers' machinists, electric-lighted magnifiers.

Ortman-McCain Company, 1330 W. Washington Blvd., Chicago 7, Ill. Wet and dry spray equipment, solutions and powders to prevent offset on printing presses; wax spray equipment and wax.

Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill. Photoengraving, stereotype and electrotype platemaking machinery; plate curving equipment.

O'Sullivan Composition Co., 491 Broadway, New York 6, N. Y. Slide rule for printers.

Oxy-Dry Sprayer Corp., 1134 W. Montrose Ave., Chicago 13, Ill. Anti-offset spray equipment and powders; sheet cleaners.

Oxford Paper Co., 235 Park Ave., New York 17, N. Y. Book, coated paper, offset, rotogravure, specialty, duplicator and mimeograph papers.

Ozalid Division, General Aniline & Film Corp., Ansco Road, Johnson City, N. Y. Ozalid and Ozachrome film used for black and color proofing and reproduction purposes in the Graphic Arts, Ozalith presensitized aluminum and paper offset plates, fountain solutions, developing solutions, direct image paper plates, illuminated tracing units.

P

Paasche Airbrush Co., 1909 Diversey Pkwy., Chicago 14, Ill. Offset preventing equipment; portable cleaning blowers.

Pabich, W. R., Mfg. Co., Inc., 2523 N. Knox Ave., Chicago 39, Ill. Stitching machines, hydraulic paper lift; machinery dealer.

Pace Manufacturing Co., The, 1618—75th St., Des Moines, Ia. Silk screen printing press.

Packer Manufacturing Co., Box 788, Green Bay, Wis. Paper processing equipment, flexographic printing presses, rewinders, folding carton machinery, gathering machines, collators, die cutters and creasers, rotary sheeters, joggers.

Palmer, E. C., & Co., Div. Western Newspaper Union. Branches: 2201 Laws St., Dallas 21, Tex.; 802 Walnut St., Houston 1, Tex.; 2300 N.W. 23rd St., Miami 52, Fla.; 8645 Peters St., New Orleans 7, La.; 302 N. Willow Ave., Tampa 1, Fla. Printing and bindery machinery and supplies.

Paper Converting Machine Co., 2300 S. Ashland Ave., Green Bay, Wis. Special printing presses for metal decorating, bag, container, check, rubber plate, letterpress, embossing and business form presses; carton printing presses with automatic speeds.

Paper Manufacturers Co., 9800 Bustleton Ave., Philadelphia 15, Pa. Gummed and Teletypesetter tape; mailing, listing and metallic papers.

Para-Flex Plate Corp., 21 E. 17th St., New York 3, N. Y. Equipment, tools and material for producing non-metallic printing plates of all types.

Parazin Corporation, 208 Mill St., Rochester 4, N. Y. Rubber composition plates for letterpress, oil or water color printing, flexographic and gravure printing rollers.

Parker, Joseph, & Son Co., Inc., 1155 Whalley Ave., New Haven 15, Conn. Blotting paper.

Parks-Cramer Company, Newport St., Fitchburg, Mass. Humidifying equipment.

Parnat Business Machines Corp., 1816 Boston Rd., New York 60, N. Y. Automatic gathering and inserting machine for signatures, greeting cards, magazines, booklets and the like, collator and stitcher, envelope inserter, gatherer and folder.

Parsons & Whittemore Graphic Corp., 250 Park Ave., New York 17, N. Y. Electrotype, stereotype, pressroom and bindery machinery.

Partlow Corporation, 2, Campion Rd., New Hartford, N. Y. Gas and electric temperature controls.

Pasadena Hydraulics, Inc., 1433 Lidcombe, El Monte, Calif. Hydraulic presses for molding plastic and/or rubber printing plates.

Pate Company, The, 6124 N. Pulaski Rd., Chicago 46, Ill. Machinery manufacturer; composing room saws.

Paterson Parchment Paper Co., Bristol, Pa. Tympan, parchment and specialty papers.

Pavey, Van R., 305 E. 46th St., New York 17, N. Y. Copy fitting system.

Pavyer Printing Machine Works, 600 S. Broadway, St. Louis 2, Mo. Used machinery; printers' machinists.

Payne, Ernest, Corp., 82 Beekman St., New York 38, N. Y. Machinery dealers, rubber platemaking, new and used offset presses, cameras and platemaking equipment.

Pearce Development Co., 1606 E. 30th St., Cleveland 14, O. Tag printing and fabricating presses; collating machine.

Peck, James I., (Registered) 47 High St., West Orange, N. J. Machinery dealer.

Peerless Roll Leaf Co., Inc., 4511 New York Ave., Union City, N. J. Roll leaf feeding attachment for platen press, hot stamping presses, gold leaf, imitation gold and silver leaf, pigment leaf and high gloss metallic colors, carton imprinter.

Pelouze Manufacturing Co., 1218 Chicago Ave., Evanston, Ill. Postal scales.

Penco Division, Alan Wood Steel Co., Oaks, Pa. Steel lockers, shelving and cabinets.

Perfection Type, Inc., 35 E. Kellog Blvd., St. Paul 1, Minn. Type equipment, supplies and accessories, printers' machinists.

Perkins, B. F., & Son, Inc., P.O. Box 388, Holyoke, Mass. Paper testing instruments.

Permacel, U. S. Highway No. 1, New Brunswick, N. J. All types of adhesives; padding compound; photoengraving glue; tapes for offset platemaking and bindery use.

Petersen Manufacturing Co., 18 Sebago St., Clifton, N. J. Matrix cut storage, operator's copy and galley storage cabinets.

Peterson Pacific Parchment Co., 1400 Kifer Rd., Sunnyvale, Calif. Tympan, parchment and specialty papers.

Photon, Incorporated, 58 Charles St., Cambridge 41, Mass. Phototypesetting machine.

Photoswitch Division, Electronics Corp. of America, Cambridge 42, Mass. Electronic registration control.

Pierce Specialized Equipment Co., 350 Peninsular Ave., San Mateo, Calif. Spot gluing machine for business forms; portable collating trays.

Pigments Division, Sun Chemical Corp., 10-10—44th Ave., Long Island City 1, N. Y. Artists colors, carbon paper, typewriter ribbon, printing ink colors.

Pioneer Rubber Engraving Co., 21 E. 17th St., New York 3, N. Y. Rubber, linoleum, plastic printing plates.

Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O. Saw trimmers, paper drills and routers.

Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.; 515 Secaucus Rd., Secaucus, N. J.; 3501 W. 140th St., Cleveland, O.; 230 W. 41st St., New York 36, N. Y.; 266 Summer St., Boston 10, Mass. Copper and zinc plates and supplies for photoengraving and offset platemaking and printing.

Pitney-Bowes, Incorporated, Walnut and Pacific Sts., Stamford, Conn. Postage meter machines; table model folding machine; addressing and mailing machines; counting, coding and imprinting machines; inserting machines.

Pittsburgh White Metal Co., 13 E. 37th St., New York 16, N. Y. Composing, electrotype and stereotype metals, line-up tables.

Plastic Binding Corp., 732 Sherman St., Chicago 5, Ill. Binding process.

Pneuma-Flo Systems, Inc., 127 W. 24th St., New York 11, N. Y. Offset preventing equipment and powders; anti-static powders, ink viscosity control.

Pollard-Alling Manufacturing Co., 220 W. 19th St., New York 11, N. Y. Addressing, strip printing and wrapper printing machines.

Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y. Presensitized offset printing plates and chemicals, inks, varnishes, blankets, masking paper, molleton covers, blanket solutions, solvents, ink knives.

Pope & Gray, Inc., 17 Industrial West, Allwood, Clifton, N. J. Letterpress, lithographic, label and metallic inks.

Popper & Sons, Inc., 300 Fourth Ave., New York 10, N. Y. Presses for printing glass containers, plastics, metal, cardboard, ball point pens, shirt bands, stocking tops, tickets, labels, etc. Specialty inks for printing on glass, metal, plastics, etc.; folding carton imprinter, silk-screen printer; dies and type for offset and letterpress.

Port Huron Sulphite and Paper Co., Port Huron, Mich. Bond, specialty and carbon.

Porte Publishing Co., 952 E. 21st St., S., Salt Lake City 6, Utah. Franklin printing catalog, offset catalog and letter shop catalog.

Porter, H. K., Co., Riverside-Alloy Metal Div., Prentiss Wire Mills, 439 Dwight St., Holyoke, Mass. Bookbinders' wire, ferrous and nonferrous.

Portland Company, The, 60 Fore St., Portland 6, Me. Static eliminator for presses, folders, perforators, bronzers, varnishers, cutters, slitters, winders, etc.

Potdevin Machine Co., 297 North St., Teterboro, N. J. Paper bag machinery for making, printing, waxing, pasting, gumming and gluing; drying ovens, varnishing machine.

Potter Instrument Co., Inc., 115 Cutter Mill Rd., Great Neck, L. I., N. Y. Photoelectric stylus sheet counter and printing press counters.

Powers, Mark E., 7041 N. Monon St., Chicago, Ill. Industrial engineer, plant layout and analyses of production costs.

Precise Engineering Co., E. Main St., P.O. Box 128, Huntley, Ill. Rotogravure press with plastic coating and fabricating units.

Precision Thermometer & Instrument Co., 1434 Brandywine St., Philadelphia 30, Pa. Laboratory and industrial thermometers.

Preferred Pressroom Products, Inc., 119 Foster St., Peabody, Mass. Bandless perforator for cylinder printing presses, machinery dealer.

Prenco Engineering Corp., 6435 N. Central Ave., Chicago 46, Ill. Electroplating equipment and processes for the Graphic Arts; dealer.

Prescott, H. S., 95 Nursery St., Springfield 4, Mass. Letterpress and offset inks.

Press Filter Co., 848 N. Crescent Hts. Blvd., Los Angeles 46, Calif. Powder spray gun for platen and cylinder printing presses.

Price Brothers & Co., Ltd., Quebec City, Que., Canada. Newsprint manufacturers.

Printcraft Representatives, 136 Church St., New York 7, N. Y. Dealers of used and rebuilt printing machinery, appraisers and plant liquidators. Rebuilt machinery.

Printers Supply Service, 946 W. North St., Chicago 22, Ill. Dealers in printers' supplies.

Printing Developments, Inc., Subsidiary of Time, Inc., Time & Life Building, Rockefeller Center, New York 20, N. Y. Color separation machine service, and offset multimetal plates and chemicals.

Printing Industries Equipment, Inc., 168 Putnam Ave., Greenwich, Conn. Bindery machinery.

○Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O. Bases, diagonal blocks, and die cutting machine. Permanent magnets for holding copy and locking type in galley.

Printing Plate Supply Co., 561 W. Washington St., Chicago 6, Ill. Equipment for centrifugally casting and trimming curved electrotype plates and method for hydrocasting flat electrotypes; photoengraving and stereotype equipment, rotary proof press.

Process Color Plate Co., 1200 W. Monroe St., Chicago 7, Ill. Hand engraved rubber printing plates, molded rubber plates, decorating rollers for flexographic ink printing. Multigraph plates, signature plates.

Production Monitoring System Div., Frost Associates, 213 East 25th St., Baltimore 18, Md. Production recorder for printing presses; press web break detectors.

Protectoseal Company, 1920 S. Western Ave., Chicago 8, Ill. Washup fluid safety container.

Puglisi-Dutro, Incorporated, 117 W. Ninth St., Los Angeles 15, Calif. Offset and rubber plate printing press; web rotary offset printing presses; rotary collators.

Pyrene-C-O-Two Div., Fyr-Fyter Co., U. S. Highway 1, Newark 1, N. J. Fire detecting and extinguishing systems.

Pyrometer Instrument Co., Inc., 92 Portland Ave., Bergenfield, N. J. Surface, immersion and indicating pyrometers.

Q

Quality Control Corp., Automation Div., 10 Depot Plaza, White Plains, N. Y. Matrix inspection and repair machines.

Quality Engraving & Electrotype Co., The, 436 Commercial Sq., Cincinnati 2, O. Flat and curved duplicate letterpress plates, plates for the trade.

R

○Radio Corp. of America, Industrial Electronic Products Div., Front and Cooper, Camden, N. J. Counter-totalizer system; electro typesetter; newspaper conveyor.

Ramsey Products Corp., 724 Gesco St., Charlotte 8, N. C. Chain drives for printing presses and heavy machines.

Randolph Company, The, 1018 Rosine St., Houston 19, Tex. Pump for loading and unloading photoengraving acids.

Randolph Laboratories, Inc., 1450 Frontage Rd., Northbrook, Ill. Fire extinguishers.

○Rapid Roller Co., 26th and Federal Sts., Chicago 16, Ill. Eastern Sales Offices, 218-224 Elizabeth Ave., Newark 8, N. J. Letterpress, offset and gravure rollers, offset press blankets and press packing.

Rathbun & Bird Co., Inc., The, 379 W. Broadway, New York 12, N. Y. Safety guards, automatic gas heaters for presses, and extension deliveries for presses; machinery dealers.

Raybestos-Manhattan, Inc., Manhattan Rubber Div., 61 Willett St., Passaic, N. J. Letterpress and offset inking rollers, rubber belting, rubber covered rolls and hose.

Raymond Corporation, The, 160 Madison Ave., Greene, N. Y. Trucks.

Read Standard Div. of Capitol Products Corp., York, Pa. Ink mills; electric ink mixers and paddles.

Recht, William, Co., Inc., 50 Church St., New York 7, N. Y. Lithographic supplies.

Redington, F. B., Co., 3000 St. Charles Rd., Bellwood, Ill. Numbering machines, press counters.

Red-Ray Mfg. Co., Inc., Cliffside Park, N. J. Heaters and neutralizers.

Reeve Electronics, Inc., 609 W. Lake St., Chicago 6, Ill. Induction and Dielectric heaters, high frequency sealer for binders and book covers utilizing plastic vinyl.

○Reeves Brothers, Inc., Vulcan Rubber Products Div., 54 Worth St., New York 13, N. Y. Press blankets, rubber and synthetic.

Reeves Pulley Co., Div. of Reliance Electric & Engineering Co., 1225 Seventh St., Columbus, Ind. Variable speed drives and pulleys.

Regan Industries, Inc., Graphic Arts Equipment Div., 1720 Marco Polo Way, Burlingham, Calif. Pre-curving equipment.

Reid, William, Co., 2271 Clybourn Ave., Chicago 14, Ill. Magazine racks and motor drives; machinery dealers.

Reilly Electrotype Co., Div. of Electrographic Corporation, 305 E. 45th Ave., New York 17, N. Y. Electrotype and stereotype pre-makeready process.

Reliance Electric & Engineering Co., 24701 Euclid Ave., Cleveland 17, O. Motors, controls and tachometers.

Renz, Fred, & Sons, Inc., 7025—83rd St., Glendale 27, L. I., N. Y. Ruling and banding machines.

Research Products Corp., 1015 E. Washington Ave., Madison 10, Wis. Industrial humidifiers, air filters.

Revere Copper and Brass, Inc., 230 Park Ave., New York 17, N. Y. Anodes for electrotypers.

Revere Copper and Brass, Inc., Edes Manufacturing Div., Plymouth, Mass. Photoengravers' zinc, copper and magnesium plates.

Revolvator Company, Tonnelle Ave., North Bergen, N. J. Portable elevator, lift trucks, storage racks, paper feeding lifts, hand lift trucks.

Reynolds Printasign Co., 9830 San Fernando Rd., Pacoima, Calif. Display type printer for department store signs; newspaper display for photoengraving, and announcement cards.

Rich & McLean, Inc., 345 Carnegie Ave., Kenilworth, N. J. Composing machine molds, magazines and parts, machinery dealer.

○Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich. Saws, routers, lead and rule cutters, paper box machinery, cutting forms and dies.

Richardson-Sovde Co., Inc., 700 S. Fourth St., Minneapolis 15, Minn. Newspaper and commercial plant layouts, machinery dealers.

Riegel Paper Corp., 260 Madison Ave., New York 16, N. Y. Tympan, tag and bristol papers.

Riehl Galley Lock Co., The, 748 E. 82nd St., Cleveland 3, O. End and side galley locks and type tie-up system.

Roberts, Lewis, Inc., 72 Union St., Newark 5, N. J. Letterpress and offset inks, varnishes and driers.

○Roberts Numbering Machine Div., Heller Roberts Mfg. Corp., 700 Jamaica Ave., Brooklyn 8, N. Y. Typographic numbering machines for rotary and flatbed presses.

Roberts & Porter, Inc., 4140 W. Victoria Ave., Chicago 46, Ill. Offset platemaking and pressroom supplies.

Robertson Brothers, Inc., 117 Cedar Lane, Englewood, N. J. Tipping machine and machinery dealers.

○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill. Gravure, offset and photoengraving equipment.

Rockefeller, J. W., Jr., and Associates, 640 Morris Turnpike, Short Hills, N. J. Consulting printing engineers.

Rogers, Harry H., Co., Inc., 5331 S. Cicero Ave., Chicago 32, Ill. Cleaning solvents, offset blanket and roller washes, lubricating oils, wipe-on offset plate coating process.

Rogers Isinglass & Glue Co., 210 Eastern Ave., Gloucester, Mass. Photoengraving glues.

Rogers, Samuel C., & Co., Inc., 2070 Sheridan Dr., Buffalo 23, N. Y. Paper cutter knife grinders.

○Rolled Plate Metal Co., Div. Ball Brothers Co., Inc., 196 Van Brunt St., Brooklyn 31, N. Y. Zinc, copper and magnesium plates.

Roloc, Incorporated, 4217 W. North Ave., Milwaukee 8, Wis. Color separation machine, illuminated transparency viewer and light table (can be used for stripping).

Roosen, H. D., Co., Div. Columbian Carbon Co., 380 Madison Ave., New York, N. Y. Inks.

Rosback, F. P., Co., 225 Fifth St., Benton Harbor, Mich. Perforators, punching machines and gathering machines, galley locks, bindery trucks.

Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y. Transparent sheeting for reproduction proofs, lithographic transfer paper, offset film, offset color correction filters, gravure tracing paper, frisket paper, film type fonts for reproduction.

Ross, Charles, & Son, Co., 148 Classon Ave., Brooklyn 5, N. Y. Ink mills and mixers.

Rotary Lift Co., Div. Dover Corp., 1054 Kansas St., Memphis 2, Tenn. Paper handling lift trucks and elevator device.

Roth, David Z., & Co., 1235 Main Ave., Clifton, N. J. Dimensionally stable film for making photoengraving and offset negatives, molletons, machinery dealers.

Rothlan Corporation, P.O. Box 5074, St. Louis 15, Mo. Open gear spray lubricant, spray anti-skinning agent for ink, spray penetrating oil.

Rotobond Inc., P.O. Box 69, Bound Brook, N. J. Laminating machine for applying acetate and other plastic films to book covers, displays, albums, charts, badges; laminating service.

○Roto-Verter, P.O. Box 9206, Birmingham 13, Ala. Rotary pallet load inverter.

○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill. Band saws, plate saws, cutters, miterers, composing sticks, and other composing room equipment.

Rowell, W. Chas., 657 Tenth St., Brooklyn 15, N. Y. Double rolling inking device for Miehle vertical presses.

Royal Zenith Corp., 180 Varick St., New York 14, N. Y. Single color offset printing press; photocomposing machines, contact screens, color scanner.

Royle, John, & Sons, 10 Essex St., Paterson 3, N. J. Saws, routers, router bits, plate beveling machines.

Rubba, Incorporated, 1015 East 173rd St., New York 60, N. Y. Labeling adhesives.

Rudow, William B., P.O. Box 1949, Sarasota, Fla. Machinery dealers.

Russell Supply Co., Inc., 80 Washington St., New York 6, N. Y. Auxiliary distributor for Kelly presses.

Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J. Branch offices: 1215 W. Washington Blvd., Chicago 7; 280 Lagauchetiere St., East Montreal 18, Que., Canada; 821 Queen St., E., Toronto 8, Ont., Canada. Gravure, offset, and photoengraving equipment; printing presses, bronzing machines and other equipment.

Ryan, E. G., and Co., 153 W. Huron St., Chicago 10, Ill. Washup device; machinery dealer.

S

S & M Mfg. Co., 3155 Verdugo Rd., Los Angeles 65, Calif. Makeup and storage cabinets and tables; page storage cabinets; offset and plate cabinets; paper handling trucks.

S. & W. Machine Co., 26 Vine St., Cincinnati 2, O. Paper cutter knives.

Sandblom Steel Chase Co., 426 S. Clinton St., Chicago 7, Ill. Electric welded steel chases.

Sanders, B. E., Co., P.O. Box 2332, Tulsa, Okla. Perforating rule.

Sanitary Wiping Cloth Co., 1550 Ridgley St., Baltimore 30, Md. Wiping cloths.

Saw and Knife Specialty Co., 6526 Carnegie Ave., Cleveland 3, O. Metal and wood cutting saws, sharpening service; paper knives.

Schaefer Machine Co., 145 Front St., Bridgeport 6, Conn. Edge gluers and cementers, proof coaters.

Scheinker, Ilya, Mechanical Engineering, 35 Great Jones St., New York 12, N. Y. Paper jogging machines.

Schmidt, H., & Co., 317 S. Paulina St., Chicago 12, Ill. Equipment for photoengraving and offset platemaking.

Schriber Machinery Co., 4900 Webster St., Dayton 4, O. Bindery and supplementary equipment for snapout and continuous business forms, rotary forms presses.

Schriber Press Co., 4900 Webster St., Dayton 4, O. Web fed letterpress and offset press.

Schwartz, Morris, & Co., 37 Warren St., New York 7, N. Y. Appraisers, liquidators and auctioneers.

Schweizer, Chas. K., Co., 231 Russell Ave., St. Louis 4, Mo. Hydraulic, electric and steam vulcanizers for making rubber printing plates.

○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J. Newspaper, offset and rotogravure presses and stereotype machinery.

Selas Corp. of America, Dresher, Pa. Ink drying equipment for letterpress and offset presses, web driers, metal melting furnaces.

Service Engravers, 692 Broadway, New York 12, N. Y. Special matrices made to order for linecomposing and Ludlow machines; special alloy type for stamping and embossing; reverse type for Ludlow machine.

○Shaffstall Equipment, Inc., 1717 Gent Ave., Indianapolis, Ind. Electronic mat detector, Selecto spacer, tape rewinder for TTS operation.

Sharp Tool Service Co., 5401 W. Lake St., Chicago 44, Ill. Paper cutting knives and sticks, electrotype saws.

○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y. Embossing presses, cutters, die presses, stitchers, covers, binders for bookbinders; newspaper section inserting machine.

Sherwin-Williams Co., The, Graphic Arts Div., 101 Prospect Ave., N.W., Cleveland 1, O. Silk screen process supplies, photographic opaque ink and sensitizer.

Shidler, V. C., Products, 720 Milford St., Glendale 3, Calif. Strip casting machine knurling attachment for Elrod; gauge for angle composition.

Showcard Machine Co., 1456 Merchandise Mart, Chicago 54, Ill. Showcard printing machines and supplies.

Shredmaster Corporation, The, 384 Woodcleft Ave., Freeport, N. Y. Paper shredding machines.

○Shulman, Ben, Associates, Inc., 60 E. 42nd St., New York 17, N. Y. Machinery dealer.

Shyers Bookbinding Corp., 212 Johnson Ave., Newark 8, N. J. Loose leaf binding devices used in catalogs and books.

Siebold, J. H. & G. B., Inc., 150 Varick St., New York 13, N. Y. Letterpress and offset inks, compounds, driers, varnishes; rubber press blankets.

Signode Steel Strapping Co., 2600 N. Western Ave., Chicago 47, Ill. Wire machines, steel strap tensioners, wire strapping pallets for storing paper.

Sigwalt Manufacturing Co., 4410 N. Ravenswood Ave., Chicago 40, Ill. Sign printing presses, seal presses.

○Simco Company, The, 920 Walnut St., Lansdale, Pa. Static eliminators, anti-static sheet and web cleaners; anti-static sheet separators, static locating meters, anti-static sprays and agents, torque-controlled quoin wrenches.

Simonds Saw and Steel Co., 470 Main St., Fitchburg, Mass. Paper cutter knives, cutting, creasing and perforating rule, Graphic Arts saws.

Simonds Worden White Co., Summit St. at Negley Place, Dayton 7, O. Paper trimming knives.

Simplex Gold Stamping Press Co., 1083 E. 52nd St., New York 36, N. Y. Gold, color and black imprinting presses and supplies.

Simplex Specialty Co., Inc., 116 W. 14th St., New York 11, N. Y. Print dryer.

Simplex Time Recorder Co., 40 S. Lincoln St., Gardner, Mass. Job cost and payroll recorders; time stamps.

Simpson, J. M., 120 Liberty St., New York 6, N. Y. Consulting engineer and equipment designer for the printing industry.

○Sinclair & Carroll Co., Inc., 440 W. Superior, Chicago 10, Ill. Letterpress and offset inks.

Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y. Letterpress, gravure, flexographic, ROP newspaper color and offset inks, driers, compounds and varnishes; rubber blankets; transfer paper; lithographic chemicals.

SKF Industries, Inc., Front St. and Erie Ave., Philadelphia 34, Pa. Ball and roller bearings and graining balls.

Sleight & Hellmuth, Inc., 900 S. Clinton St., Chicago 7, Ill. Letterpress and offset inks, varnishes, driers and compounds.

Sloves Mechanical Binding Corp., 601 W. 26th St., New York 13, N. Y. Process binding, loose leaf binders, trade binding.

Smithe, F. L., Machine Co., Inc., 645 W. 44th St., New York 36, N. Y. Envelope making machinery.

Sohn Manufacturing, Inc., P.O. Box 87, Plymouth, Wis. Flexographic presses and die-cutting machines for label making.

Solar Gold Leaf Co., 216 Alabama St., Brooklyn 7, N. Y. Foil and gold leaf.

Sol-Dor Company, The, P.O. Box 585, Athens, O. Machines and solutions for simultaneous cleaning and lubrication of numbering heads and other precision mechanical devices.

Somerset Company, The, 441 Clay St., San Francisco 11, Calif. Used printing equipment.

Somerset Type Metal Co., 1220 Pennsylvania Ave., San Francisco 7, Calif. Type metals, rules and borders; thermometers.

Sossner Steel Stamps, Inc., 161 Grand St., New York 13, N. Y. Steel magazine and newspaper headings.

Southworth Machine Co., 30 Warren Ave., Portland 5, Me. Punches, cornering machines; joggers and special machinery; envelope printing press; humidifiers, rotary cutters, layboys and deliveries.

Specialty Automatic Machine Corp., 80 Cambridge St., Burlington, Mass. Special printing presses, folding, ruling and gluing machines, special packaging machinery.

Speedflex Corporation, 117 West Ninth St., Los Angeles 15, Calif. Collating, slitting and rewinding machine; printing press accessories.

Spiral Binding Co., Inc., Coliseum Tower, 10 Columbus Circle, New York 19, N. Y. Spiral coil making machines, punching dies and machines for binding books, calendars and catalogs.

○Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif. Stereotype mat formers; vacuum casting boxes; curved routers, form files for composing rooms; color plate register device; plate trucks; plate curving equipment.

Standard Paper Box Machine Co., Inc., 476 Broome St., New York 13, N. Y. Strip gluing machines.

○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill. Gravure printing equipment and processes.

Standard Rewashed Wipers Co., 3120 Shields Ave., Chicago, Ill. Washed and sterilized wiping cloths.

Standard Wiping Materials, 645 Dean St., Brooklyn 38, N. Y. Wiping cloths.

Stanford Engineering Co., Salem, Ill. Rewinding machine for salvaging imperfectly wound paper and film rolls; flying pasters for presses; web controls.

Star Cement Co., 11—39th St., Irvington, N. J. Cut cement and cut tape, marking ink for plates.

○Star Parts, Inc., 2 S. Main St., South Hackensack, N. J. Linecomposing machine parts, supplies and accessories.

Starrett, L. S., Co., Crescent St., Athol, Mass. Gauges and precision tools.

Static Eliminator Co., 239 Centre St., New York 13, N. Y. Gas and electric heaters.

○Statikil, Incorporated, 1220 W. Sixth St., Cleveland 13, O. Static eliminating spray for presses and paper processing machines.

Sta-Warm Electric Co., 666 N. Chestnut St., Ravenna, O. Glue pots and tanks; melting and dispensing equipment for waxes, adhesives and plastics.

Stein, Hall & Co., Inc., 285 Madison Ave., New York 17, N. Y. Adhesives for bookbinders and carton sealing; anti-offset liquids and powders.

Stereotex Company, The, 33 Crescent Ave., Scituate, Mass. Automatic backing for newspaper stereotype mats; mat drier and former; plate shaver.

Stereotype Equipment Co., 2062 Elston Ave., Chicago 14, Ill. Supplies for making rubber and plastic plates.

Sterling Type Foundry, Charlotte, Mich. Type and type metal cuts, logotypes.

Stewart, Don, Co., 445 Clay St., San Francisco 11, Calif. Machinery dealers.

Sticht, Herman H., Co., Inc., 27 Park Pl., New York 7, N. Y. Static neutralizer bar, tachometers, thermometers and pyrometers.

Stokes, A., Co., Stokes Lane, Hudson, O. Thermography equipment and supplies.

Stolp-Gore Company, 123 S. Jefferson St., Chicago 6, Ill. Special machinery for printers and bookbinders, machinery dealers.

Strathmore Paper Co., Front St., West Springfield, Mass. Bond, book, bristol, cover, parchment, thin papers and specialty papers.

Streamline Metal Feeder Co., 116 Walker St., New York 13, N. Y. Composing machine metal feeder.

Stripfounders, Incorporated, 2739 W. 139th St., Posen, Ill. Rule and spacing material.

Stromberg Div. of General Time Corp., 135 S. Main St., Thomaston, Conn. Electric time clocks and recorders.

Stone, Thos. and Geo. M., Inc., 1413 Chestnut Ave., Hillside 5, N. J. Hydraulic rotary embossing machine; gravure or aniline applicator rolls for lacquers and flexographic inks.

Strong Electric Corp., The, 87 City Park Ave., Toledo 1, O. Arc lamps for photoengraving and offset.

Studebaker Hydraulic Products Co., 2511 St. Charles Rd., Bellwood, Ill. Vulcanizing press for rubber and plastic plates and rubber stamps.

Stuebing Automatic Machine Co., 3124 Beekman St., Cincinnati 23, O. Metal edging machines, calendar slides.

Sullebarger, E. T., Co., Inc., 114 Liberty St., New York 6, N. Y. Photoengraving and offset equipment and supplies; dealer.

Sun Oil Co., 1608 Walnut St., Philadelphia 3, Pa. Lubricating supplies.

Super Speed Printing Machinery, Inc., 742 Sherman St., Chicago 5, Ill. Saws, saw trimmers, paper drills, corner cutters, bindery trucks, folders, paper cutter knives, banding and padding presses, tipper-collator.

Superior - Tabbies, Incorporated, 900 N. Franklin St., Chicago 11, Ill. Pressure sensitive index tabs and tabbing.

Surface Combustion Div. of Midland-Ross Corp., 2375 Dorr St., Toledo 1, O. Type metal remelting furnaces; air conditioning.

Swift Engineering Co., 7001 N. Clark St., Chicago 26, Ill. Architectural and engineering service for printing plants.

Switzer Brothers, Inc., 4723 St. Clair Ave., Cleveland 3, O. Daylight fluorescent, letterpress, offset, gravure, and screen process inks.

Syntron Company, 577 Lexington Ave., Homer City, Pa. Vibrating paper joggers.

T

Takk Corporation, P.O. Box 346, Newark, O. Static eliminators.

Tarpley, Geo., Co., P.O. Box 245, Chesterland, O. Routing bits.

Tasope Company, The, Tasope Bldg., Aurora, Mo. Offset and photoengraving equipment and supplies; powderless etching machine.

Tauber Plastics, Inc., 200 Hudson St., New York 13, N. Y. Equipment and materials for plastic binding; index tabbing equipment.

Taylor, W. A., & Co., 7300 York Rd., Baltimore 4, Md. pH control apparatus.

Taylor Instrument Companies, 95 Ames St., Rochester 1, N. Y. Thermometers; indicating and control instruments for air conditioning, heating and ventilating equipment.

Taylor Machine Co., 1713 S. Clinton St., Baltimore 24, Md. Device for registering form with copy.

Taylor Made Rule Co., 65 Flatbush Ave., Brooklyn 17, N. Y. Rule and borders.

Teaneck Chemical Co., 197 Washington Ave., Carlstadt, N. J. Chemicals; machinery dealers.

Technical Service Co., 2118 S. Bellaire, Denver 22, Colo. Consulting engineers specializing in newspaper plants.

Technicarbon Company, Inc., 85 Sargeant St., Holyoke, Mass. Onetime carbon paper in rolls, sheets, processed.

Telemat Corporation, 21 Lafayette St., Worcester 8, Mass. Padding presses.

Teletypesetter (See Fairchild Graphic Equipment, Inc.)

Tenacity Manufacturing Co., Cooper and Hosea Sts., Lockland 15, O. Metal parts for loose leaf binders.

Tenak Products Co., 2615 N. Paulina St., Chicago 14, Ill. Molding medium for electrotypers and plate mounting material.

Tesch Manufacturing Co., 2121 N. Drew St., Appleton, Wis. Knife and saw filing and swaging machinery and saw trimmers.

Testing Machines, Inc., 72 Jericho Turnpike, Mineola, L. I., N. Y. Micrometer, scales, gauges, and paper testing instruments.

○Thomas Collator Industries, Inc., 100 Church St., New York 7, N. Y. Collating machines.

Thompson Cabinet Co., Laura St., Ludington, Mich. Composing room cabinets, stands, typecases, tables and trucks.

Thomson-National Press Co., Dean Ave., Franklin, Mass. Platen printing presses, embossers, die heaters, cutting and creasing machines, machinery dealers for Bobst presses and equipment.

Tickle, Arthur, Engineering Works, Inc., 21 Delevan St., Brooklyn 31, N. Y. Reconditioning of printing press cylinders.

Tie Company, 14 Depot St., Unadilla, N. Y. Bundling and tying devices.

Tileston & Hollingsworth, 211 Congress St., Boston 10, Mass. Bond, book, cover, mimeograph, offset, and bristol papers.

Timken Roller Bearing Co., 1835 Dueber Ave., S.W., Canton 6, O. Bearings.

Timmons & Charles, 110 Academy St., Jersey City 2, N. J. Boiler or scale cleaning compounds.

○Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y. Press and stereotype molding blankets.

Tintograph Company, 68 Jay St., Brooklyn 1, N. Y. Shading mediums.

○Tintometer, Box 203, Ryder Station, Brooklyn 31, N. Y. Instrument for determining tone density of negatives and positives.

Ti-Pi Company, 1000 Broadway, Kansas City 5, Mo. Engraving tools and material for rubber platemaking.

Tirfing Printing Machinery, Inc., 400 Delancy St., Newark 5, N. J. Machinery dealers, distributors of Tirfing and Viking single color letterpress cylinder presses.

Tolerton Company, 265 N. Freedom Ave., Alliance, O. Mounting materials and cutting sticks.

Tompkins Printing Equipment Co., 712 S. Clark St., Chicago 5, Ill. Machinery dealers, cameras, platemaking, dispatch and composing room equipment.

Ton-Tex Corporation, 247 Pearl St., N.W., Grand Rapids 2, Mich. Rubberized tape, belts and belting.

Tork Time Controls, Inc., 52 McQuesten Pkwy., Mt. Vernon, N. Y. Clock controlled switches and time clocks.

Towmotor Corporation, 1224 E. 152nd St., Cleveland 10, O. Paper handling trucks.

Transilwrap Company, 4427 N. Clark St., Chicago 47, Ill. Plastic stocks for reproduction proofing, wrappers and bindery use.

○Transkrit Corporation, 704 Broadway, New York 3, N. Y. Hot spot carbonizing for the trade, magnetic ink encoding.

Trapp & Kuehnle Inc., 253 Pearl St., New York 38, N. Y. Typewriter ribbon attachment for platen presses.

Treyco Products Co., 149 Longmeadow Rd., Buffalo 26, N. Y. Sharpening fixtures and stands for grinding saws of all kinds.

Triangle Ink & Color Co., 329 E. 29th St., New York 17, N. Y. Inks for all processes, compounds, driers, varnishes and offset preventing spray.

Trion, Incorporated, 1000 Island Ave., McKees Rocks, Pa. Equipment for eliminating ink mist in pressrooms.

Tri-Par Controls, 9353 Seymour Ave., Schiller Park, Ill. Printing press control equipment.

○Tri-Q, Incorporated, 1922 Penn Mar Ave., El Monte, Calif. Stereotype mat pre-drier toaster; router bit sharpener. Detergent for cleaning machines, floors and walls.

Triplet Gauge, 225 South St., New York 2, N. Y. Tympan and offset packing papers.

Triumph Equipment Engineers, 6506 Walker St., Minneapolis 26 Minn. Proof presses, saws, press punches, ink fountains, job press grippers and type high gauge.

Tufcrete Company, Inc., 502 E. Locust St., Des Moines 9, Ia. Floor maintenance and materials.

Troy Div. of Skinner Engine Co., 333 West 12th St., Erie 6, Pa. Ink mills and mixers.

○Turner Printing Machinery, Inc., 6510 Euclid Ave., Cleveland 3, O. Machinery dealers.

Twin City Lino Service, Inc., 2350 Highway 100 S., Minneapolis 16, Minn. Linotype service and dealer; Star Parts agency.

Twin City Printers Roller Mfg. Co., 505 S. Third St., Minneapolis 15, Minn. Composition rollers.

Type and Press of Illinois, Inc., 3312 N. Ravenswood Ave., Chicago 13, Ill. Machinery dealers.

Typecasting Machine Engineers, Inc., 5847 Lawrence Ave., Chicago 30, Ill. Method for reprocessing hot metal machine matrices; new matrices for hot metal composing machines.

Typefounders, Incorporated, 1006 W. Madison St., P.O. Box 11313, Phoenix, Ariz. Antique foundry type manufacturers.

U

Ulano Graphic Arts Supplies, Inc., 610 Dean St., Brooklyn 38, N. Y. Silk screen film, masking film, opaque, swivel knife.

Uni-Mark, Incorporated, 23 E. 26th St., New York, N. Y. Fabricated leather for bookbinding.

Union Rubber & Asbestos Co., 232 Allen St., Trenton 6, N. J. Adhesives.

Unique Steel Block Co., Inc., 304 Chemung St., Waverly, N. Y. Register base for presses, chase blocks, clamps.

United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill. Metals, metal flux, metal remelting furnaces and pig molds. Branch Offices: Brooklyn 22, N. Y.; Charlotte 6, N. C.; San Francisco 7, Calif.; Los Angeles 58, Calif.

United Camera Co., Inc., 3021 N. Lincoln, Chicago 13, Ill. Bellows for cameras.

United Printing Ink Laboratories, Inc., 1940 E. Letterly St., Philadelphia 25, Pa. Letterpress and offset printing inks, metallic powders, ink mixer, varnish kettle.

United Shoe Machinery Corp., 140 Federal St., Boston 7, Mass. Eyeletting machines and adhesives.

United States Radium Corp., Morristown, N. J. Static eliminator.

United States Rubber Co., 1230 Ave. of the Americas. New York 20, N. Y. Blankets and rubber rollers.

United Stereotype Supply Corp., P.O. Box 38, West Lynn, Mass. Mat trimmer, pocket type metal thermometer, and stereotype supplies; gummed packing felt.

Unitronics Div., Lanston Industries, Inc., G St. below Erie Ave., P.O. Box 4768, Philadelphia 34, Pa. Light integrating device for platemaking cameras, high speed electric eye counters and plate depth microscope.

Universal Jogger Co., 322 S. Fourth St., Minneapolis 15, Minn. Jogging machines.

○Universal Mono-Tabular Corp., 715 N. Central Expressway, Richardson, Tex. Tabular broach rule and slug cutter, strip caster.

U. S. Electrical Motors, Inc., Los Angeles 54, Calif. Branch Office: Milford, Conn. Motors, variable speed drives, controlled speed systems.

○U. S. Printing Ink Corp., 66 Industrial Ave., Little Ferry, N. J. Offset and letterpress inks.

U. S. Steel Supply Div., U. S. Steel Corp., 208 S. La Salle St., Chicago 4, Ill. Newspaper bundling and tying machines.

U. S. Stoneware Co., Tallmadge Ave., Akron 9, O. Etching machines, tubs for etching zinc and copper plates.

U. S. Wiping Cloth Co., No. 1 Convent St., St. Louis 4, Mo. Wiping cloths.

Utility Heater Co., 239 Centre St., New York 13, N. Y. Heaters, oxidizers and machinery dealers.

V

Vacuumatic North America, Inc., Chrysler Bldg., 405 Lexington Ave., New York 17, N. Y. Stack paper counting machines which count 1500 sheets per min.

○Valley Manufacturing Co., Valley, Neb. Expansion chucks for paper rolls.

Valley Paper Co., Holyoke, Mass. Cotton content bonds, onion skins, ledgers, opaque papers, typewriter papers, laid linens, index bristols, manuscript covers and specialty papers.

○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill. Proof presses, test presses, block leveler, plate type, slug and makeup gauges; lite-base test blocks and plate mounting system; press makeready systems; wet and dry offset proof press.

Vapo Systems Co., 130-32 W. Home Ave., Villa Park, Ill. Equipment for moisturizing roll paper at high press speeds.

Vari-Typer Corporation, 720 Frelinghuysen Ave., Newark 5, N. J. Justifying typewriters for photomechanical reproduction; photolettering machine.

Veeder-Root, Incorporated, 70 Sargeant St., Hartford 2, Conn. Press counters.

Vermont Marble Co., 61 Main St., Proctor, Vt. Marble imposing surfaces and ink slabs.

Verner, B., & Co., Inc., 52 Duane St., New York 7, N. Y. Cylinder imprinting and envelope presses.

Vibration Eliminator Co., 10-28—47th Ave., Long Island City 1, N. Y. Vibration eliminating equipment.

Viking Engraving Corp., The, 1432 N. Grant Ave., Columbus 1, O. Rotogravure engraved cylinders.

○Virkotype Corporation, 111 Rock Ave., Plainfield, N. J. Raised letter machinery and powders.

Visual Plant Layouts, Inc., Pennsylvania Ave. at River, Oakmont, Allegheny County, Pa. Two and three dimensional plant layout methods.

Vogt Roller Co., Inc., 222 S. 12th St., Louisville 3, Ky. Branch office: 526 N. Western Ave., Chicago 12, Ill. Composition and rubber rollers.

W

Walbert Machine Co., 819 E. 19th St., Kansas City 8, Mo. Skid lift, envelope printing presses.

Waldron-Hartig Div., Midland-Ross Corp., P.O. Box 791, New Brunswick, N. J. Rotogravure, offset and flexographic presses, embossing presses, coating machines, slitting and rewinding equipment.

Walker, E. H. Supply Co., Inc., 140 Que St., N. E., Washington 2, D. C. Printing, offset and photoengraving equipment and supplies.

Walton Laboratories, Inc., 1186 Grove St., Irvington 11, N. J. Humidifiers and dehumidifiers, humidity controls.

Wapakoneta Machine Co., Wapakoneta, O. Paper knives.

Wardwell Manufacturing Co., 3805 Ridge Rd., Cleveland 9, O. Saw sharpening equipment.

Warren, S. D., Co., 89 Broad St., Boston 1, Mass. Central Mill. 2400 Lake Shore Dr., Muskegon, Mich. Book, coated board and paper, offset, postcard and specialty papers; reproduction proof stock.

Waste King Corp., 3424 Wilshire Blvd., Los Angeles 5, Calif. Newspaper and magazine one to four unit color web offset printing press.

Watervliet Paper Co., Div. of Hammermill Paper Co., Watervliet, Mich. Coated papers.

Wax Refining Co., 2001 S. California Ave., Chicago 8, Ill. Printing ink compounds and reducers, offset preventing spray gun solutions and wax ink conditioner for process colors.

Webb Machine Works, 1314 Hoadley St., Shreveport, La. Hand trucks, carts, mailing room conveyors and impression gauges.

Webendorfer Company, Saugatuck, Conn. Web offset, rotary sheet letterpress, sheet offset and silk screen textile printing presses.

Wehrung & Billmeier Co., 3624 Lincoln Ave., Chicago 13, Ill. Foil and leaf.

Welbuilt Air Conditioning and Heating Corp., Rt. 524, Lakewood Rd., Farmingdale, N. J. Unit conditioners for removing humidity, packaged chillers for press rollers.

Welch, W. M., Mfg. Co., 1515 Sedgwick St., Chicago 10, Ill. Reflection and transmission densitometers for determining negative densities and ink film thicknesses.

Wells Manufacturing Co., 1701 S. Main St., South Bend 23, Ind. Plate mounting base, wood and inorganic.

○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa. Composing room, electrotyping, photoengraving, stereotyping, offset, and press room equipment.

○West Virginia Pulp and Paper Co., 230 Park Ave., New York 17, N. Y. Bond, book, bristol, coated board and paper, cover, offset, postcard, publication, press board, rotogravure, specialty, tag, kraft, envelope, mimeograph, duplicator, label, and lining papers.

Westcott & Thomson, Inc., 1027 Arch St., Philadelphia 5, Pa. Plate separator, electrotype straight line backing-up unit, vacuum stereotype casting boxes, rubber plates.

Western Bellows Co., 5234 Valley Blvd., Los Angeles 32, Calif. Bellows for cameras.

Western Brush Co., Inc., 219 S. Western Ave., Chicago 12, Ill. Static eliminator brush for printing presses.

Western Newspaper Union, Printing Machinery Dept., 310 E. 45th St., New York 17, N. Y. Branches: 15 N. 22nd St., Billings, Mont.; 144 High St., Boston 10, Mass.; 556 W. Monroe St., Chicago 6, Ill.; 22 E. 12th St., Cincinnati 10, O.; 300 E. Long St., Columbus 15, O.; 1665 E. Madison Ave., Des Moines 13, Ia.; 402 Fourth Ave., N. Fargo, N. Dak.; 304 W. 10th St. Kansas City 5, Mo.; Y St. at 20th, Lincoln, Neb.; 500 E. Second St., Little Rock, Ark.; 395 S. Front St., Memphis 2, Tenn.; 217 N. Harvey St., Oklahoma City 1, Okla.; 72 First Ave., Pittsburgh 22, Pa.; 126 Pierpont Ave., Salt Lake City 10, Ut.; 1812 Van Loan St., Shreveport 69, La.; Fifth and Virginia Sts., Sioux City 2, Ia.; 601 E. Fourth St., Tulsa 3, Okla.; 201 S. St. Francis Ave., Wichita 1, Kan.; 621 S. 15 St., Omaha 1, Nebr. Printing and bindery machinery and supplies.

Western Printing Machinery Co., 3519 N. Spaulding Ave., Chicago 18, Ill. Honeycombed plate cylinders for printing presses, and rotary color units for Miehle two color letterpresses.

Western Roto Engravers, 1225 Sixth St., Berkeley 10, Calif. Cylinder sleeve and platemaking for the trade.

Western States Envelope Co., 1616 W. Pierce St., Milwaukee 46, Wis. Envelopes.

Weston Instruments, Sub. of Daystrom, Inc., 614 Frelinghuysen Ave., Newark 12, N. J. Moisture indicators, metal thermometers and pyrometers, humidifiers and humidity controllers.

○Wetter Numbering Machine Co., Div. New Era Mfg. Co., P.O. Box 400, 233 Central Ave., Hawthorne, N. J. Numbering machines.

Wheelwright Div., Mead Papers, Inc., Leominster, Mass. Blanks, bristol and cover papers.

White, Sid, 132 Nassau St., New York 38, N. Y. Auctioneer and appraiser.

Whiting-Plover Paper Co., Stevens Point, Wis. Bond, ledger and specialty papers.

Whitmore Manufacturing Co., The, 3816 Iron Court, Cleveland 4, O. Lubricants.

Wiebking Engraving Co., 1133 W. Newport Ave., Chicago 13, Ill. Special engraved matrices for composing machines.

Wild & Stevens, Inc., 45 Industrial Pl., Newton Upper Falls, Mass. Letterpress, gravure, and offset rollers; machinery dealers.

Will-Lo Products, 4518 N. Winchester, Chicago 40, Ill. Platen press grippers.

○Williamson & Company, Inc., P.O. Box 71, Caldwell, N. J. Direct pressure presses and equipment for electrotype, plastic, rubber and stereotype molding.

Willsea Works, 371 St. Paul St., Rochester 5, N. Y. Specialty press manufacturers; tipping machines.

Wilsolite Corporation, 1827 Niagara St., Buffalo 7, N. Y. Matrix material for rubber and/or plastic plate molding; offset blankets.

Wing, L. J., Mfg. Co., N. Stiles St., Linden, N. J. Heating and ventilating equipment.

Wing's Chauncey, Sons, 78 Pierce St., Greenfield, Mass. Mailing label machine.

Winn & Goodman, 440 Sansome St., San Francisco 11, Calif. Composition rollers and padding compound.

Winslow Ink Corp., 104 Greene St., New York 12, N. Y. Letterpress and offset inks.

Winton Engineering Co., 2353 May St., Cincinnati, O. Dry powder offset preventing device and spray scanner, stack unloader, board and sheet scanner for inspection and makeready markup.

Wiretyer Corporation, 65 Leliarts Lane, East Paterson N. J. Newspaper and magazine materials handling equipment, automatic strapping and wire tying equipment, engineered systems.

Wise, Incorporated, 1420 Western Ave., Pittsburgh 33, Pa. Printing machinery and supplies dealer.

Wolfer Printers Supply, Inc., 1221 Maple Ave., Los Angeles 15, Calif. Automatic gas burners and machinery dealers.

Wolverine Paper Converting Machinery Corp., 18584 Fitzpatrick Ave., Detroit 28, Mich. Flexographic printing presses, slitting and rewinding equipment, box and carton equipment.

○Wood Flong Corp., Davis St., Hoosick Falls, N. Y. Newspaper syndicate, and advertising mats for stereotyping; stereotype equipment and supplies.

○Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J. Newspaper presses and stereotyping equipment.

○Worthington, Emory W., and Associates, 957 E. Glen Ave., Ridgewood, N. J. Engineering and consulting service to equipment manufacturers and to publishing and printing plants, specializing in roll fed presses.

Wynn Manufacturing Co., Seventh and Green Sts., Philadelphia 23, Pa. Gold hot stamping presses; foil and leaf.

Wyomissing Paper Products, Div. Narrow Fabric Co., Tuckerton Road, Reading, Pa. Flint glazed metallic and mat papers.

Y

Yahnke, J. C., Co., 543 E. North Ave., Libertyville, Ill. Anti-offset powder and wax sprays.

Yale & Towne Mfg. Co., 11000 Roosevelt Blvd., Philadelphia 15, Pa. Paper handling trucks.

Yeager Newspaper Machinery Supply Co., P.O. Box 3974, San Juan, Puerto Rico. Machine for cleaning ink pump boxes, and portable ink fountains, dross sifting equipment, stereotype mat seasoning compound to reduce packing.

York Corporation, Sub. of Borg Warner Corp., Grantley Rd., York, Pa. Air conditioning equipment.

Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill. Roll feed platen, flexographic, rotogravure and special presses, bag making equipment, box and carton equipment, macerating machine, slitters and rewinders, and designers of special machinery.

Young, Paul O., Line Lexington, Pa. Hand and platform trucks.

Z

Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y. Equipment for offset platemakers.

Zeiss, Carl, Inc., 485 Fifth Ave., New York 17, N. Y. Magnifying and reducing glasses, lenses, mirrors and prisms for cameras.

Zernickow, O., Co., 15 Park Row, New York 38, N. Y. Tachometers.

○Zimmer Printers Supply Co., Inc., 72 Beekman St., New York 38, N. Y. Machinery dealers; steel cutting, creasing and perforating rule.

Printing Press Specifications

LETTERPRESS, OFFSET, GRAVURE, DIE STAMPING, SCREEN PROCESS

Maximum and Minimum Sheet Size, Inside Chase Capacity or Maximum Plate Area and Impressions per Hour on Platen, Cylinder and Rotary Letterpress Machines, Wet and Dry Offset Presses, Newspaper Presses, Flexographic Presses, Sheet- and Roll-feed Gravure Presses, Die Stamping Presses, and Screen Process Presses, according to manufacturers' specifications

(PRINTING PRODUCTION has taken every precaution in compiling these tables to furnish specifications exactly as sent by manufacturer. For that reason, we cannot be responsible for errors.)

Addresses of Press Manufacturers Included in this Section

American Type Founders, Inc.
200 Elmora Ave.
Elizabeth, N. J.

Banthin Engineering Co.
1849 Main St.
Bridgeport 4, Conn.

Brandtjen & Kluge, Inc.
653 Gaultier
St. Paul 3, Minn.

Champlain Company, Inc.
Harrison Ave.
Roseland, N. J.

Chandler & Price Co.
6000 Carnegie Ave.
Cleveland 3, O.

Cottrell Company, Sub. Harris-Intertype Corp.
86 Mechanic St.
Westerly, R. I.

Crabtree, R. W., & Sons, Ltd.
629 Adelaide St. W.
Toronto 1, Ontario, Can.

Craftsmen Machinery Co.
75 W. Dedham St.
Boston 18, Mass.

Cronite Company, Inc.
8707 Hudson Blvd.
North Bergen, N. J.

Davidson Corporation, Sub. Mergenthaler Linotype Co.
29 Ryerson St.
Brooklyn 5, N. Y.

Dilts Division, Black-Clawson Co.
46 N. First St.
Fulton, N. Y.

Frostad Engineering Co.
3037 S. Wentworth Ave.
Milwaukee 7, Wis.

General Research & Supply Co.
572 S. Division Ave.
Grand Rapids 3, Mich.

Goss Company, Div. Miehle-Goss-Dexter, Inc.
5601 W. 31st St.
Chicago 50, Ill.

Haida Engineering Co.
34-11 Vernon Blvd.
Long Island City 6, N. Y.

Hamilton Tool Co.
Ninth and Hanover
Hamilton, O.

Hantscho, George, Co., Inc.
602 S. Third Ave.
Mount Vernon, N. Y.

Harris-Seybold Co., Div. Harris-Intertype Corp.
4510 E. 71st St.
Cleveland 5, O.

HCM Corporation
80 Varick St.
New York 13, N. Y.

Heidelberg Automatic Presses
73-45 Woodhaven Blvd.
Glendale 27, L. I., N. Y.

Heinrich Equipment Corp.
11 Eighth Ave.
New York 11, N. Y.

Hess & Barker
930 Washington Ave.
Philadelphia 47, Pa.

Hoe, R., & Co., Inc.
910 E. 138th St.
New York 54, N. Y.

Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp.
1201 Main St.
Green Bay, Wis.

Kidder Press Co., Inc.
121 Broadway
Dover, N. H.

Lawson Printing Machinery Co.
4453 Olive St.
St. Louis 8, Mo.

Levey, Fred'k H., Co., Inc.
4901 Grays Ave.
Philadelphia 43, Pa.

Mergenthaler Linotype Co.
29 Ryerson St.
Brooklyn 5, N. Y.

Miehle Company, Div. Miehle-Goss-Dexter, Inc.
2011 W. Hastings St.
Chicago 8, Ill.

Miller Printing Machinery Co.
1103 Reedsdale St.
Pittsburgh 33, Pa.

New Era Mfg. Co.
233 Central Ave.
Hawthorne, N. J.

Paper Converting Machine Co.
2300 S. Ashland Ave.
Green Bay, Wis.

Pearce Development Co.
1606 E. 30th St.
Cleveland 14, O.

Potdevin Machine Co.
297 North St.
Teterboro, N. J.

Precise Engineering Co.
E. Main St., P. O. Box 128
Huntley, Ill.

Puglisi-Dutro, Inc.
117 W. Ninth St.
Los Angeles 15, Calif.

Royal Zenith Corp.
180 Varick St.
New York 14, N. Y.

Rutherford Machinery Co., Div. Sun Chemical Corp.
401 Central Ave.
East Rutherford, N. J.

Schriber Press Co.
4900 Webster St.
Dayton 4, O.

Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp.
525 South Ave.
Plainfield, N. J.

Southworth Machine Corp.
30 Warren Ave.
Portland 5, Me.

Specialty Automatic Machine Corp.
80 Cambridge St.
Burlington, Mass.

Thomson-National Press Co.
Dean Ave.
Franklin, Mass.

Tirfing Printing Machinery, Inc.
400 Delancy St.
Newark 5, N. J.

Verner, B., & Co., Inc.
52 Duane St.
New York 7, N. Y.

Waste King Corp.
3424 Wilshire Blvd.
Los Angeles 5, Calif.

Willsea Works
371 St. Paul St.
Rochester 5, N. Y.

Wolverine Paper Converting Machinery Corp.
18584 Fitzpatrick Ave.
Detroit 28, Mich.

Wood Newspaper Machinery Corp.
688 S. Second St.
Plainfield, N. J.

Young Engineering Co.
2435 N. Sheffield Ave.
Chicago 14, Ill.

PLATEN PRESSES

MAKE AND MODEL	Maximum Sheet (Inches)	Minimum Sheet (Inches)	Maximum Type Form (Inches)	Impressions Per Hour	Shipping Weight Equipped	Floor Space (Inches)
Chandler & Price, Pilot Press, 6½x10[1]	7¼x12½	1½x3	6½x10	Hand Feed	200 lbs.	22½x34
Chandler & Price, NS, 8x12[1]	9 x12½	1⅞x3⅜	8 x12	3,000	1,319 "	40½x48
Chandler & Price, NS, 10x15[1]	11 x15½	1⅞x3⅜	10 x15	2,700	1,630 "	47 x55
Chandler & Price, NS, 12x18[1]	13 x19	1⅞x3⅜	12 x18	2,500	2,275 "	55½x60
Chandler & Price, NS, 14½x22[1]	15 13/16x23¼	3¼x5	14½x22	1,800	2,844 "	62½x67
Chandler & Price Box Press, 14½x22[1]	15 13/16x35	3¼x5	14½x22	1,800	2,870 "	62½x67
Chandler & Price, Model-N, 8x12[1]	9 x12½	1⅞x3⅜	8 x12	3,000	1,420 "	40½x48
Chandler & Price, Model-N, 10x15[1]	11 x15½	1⅞x3⅜	10 x15	2,700	2,000 "	47 x55
Chandler & Price, Model-N, 12x18[1]	13 x19	1⅞x3⅜	12 x18	2,500	2,535 "	55½x60
Chandler & Price Side Delivery Craftsman Unit, 10x15[1]	11 x17	1⅞x3⅜	10 x15	4,500	3,050 "	51 x65
Chandler & Price Side Delivery Craftsman Unit, 12x18[1]	13 x19	1⅞x3⅜	12 x18	4,000	3,800 "	59 x67
Chandler & Price Craftsman Automatic Unit 14½x22[1]	15 13/16x23¼	3¼x5	14½x22	2,600	3,925 "	62 x75
Chandler & Price Super Hvy. Duty Craftsman 14½x22[1]	15 13/16x23¼	3¼x5	14½x22	2,300	5,100 "	62 x75
Chandler & Price, Model-3, Super Hvy. Duty Automatic[1]	16 x24½	1⅞x3⅜	14½x22	2,500	5,447 "	62 x80
C-M-C Victory Hand Press[2]	4½x 6⅜	.....	4½x 6⅜	.....	72 "	12x24
C-M-C Imperial Hand Press[2]	5x8	.....	5x8*	.....	100 "	.....
C-M-C Superior Hand Press[2]	6½x10	.....	6½x10*	.....	175 "	22x34
Heidelberg 10x15[46]	10¼x15	1½x2¾	10¼x13¾*	Up to 5,000	2,950 "	57x64†
Heidelberg 13x18, (Printer only)[46]	13⅜x18⅛	3½x4	12⅝x17¾*	Up to 4,000	5,600 "	66x82†
Heidelberg 13x18, Combination Die-Cutting and Printing[46]	13⅜x18⅛	3½x4	12⅝x17¾*	Up to 4,000	5,600 "	66x82†
Kluge Automatic 10x15[4]	12 x16	1⅞x3	10½x15⅝	4,000	2,800 "	48x74
Kluge Automatic 12x18[4]	14 x19	1⅞x3	13 x19	3,500	3,450 "	52x80
Kluge 10x15 Combination Die-Cutting and Printing[4]	12 x16	1⅞x3	10½x15⅝	4,000	3,000 "	45x72
Kluge 12x18 Combination Die-Cutting and Printing[4]	14 x19	1⅞x3	13 x19	3,500	3,650 "	56x82
Kluge 10x15 Magnetic Ink Press[4]	11 x16	1⅞x3	10½x15⅝	4,000	2,995 "	46x72
Kluge 12x18 Magnetic Ink Press[4]	13 x19	1⅞x3	13 x19	3,500	3,750 "	52x80
Thomson Laureate Light Embossing and Stamping Press[41]	.....	.....	14 x22*	.....	.....	.....
Thomson Heavy Embossing and Stamping Press[41]	.....	.....	12½x18½	Up to 2,000	.....	.....
Thomson Heavy Embossing and Stamping Press[41]	.....	.....	18 x24	Up to 1,800	.....	.....
Thomson Laureate Printing Press[41]	.....	.....	14 x22	900 to 2,500	3,585 "	53x 54
Thomson Colt's Armory Printing Press[41]	.....	.....	14 x22	900 to 2,000	3,030 "	48x 51
Thomson Automatic Heavy Duty[41]	.....	.....	17 x25	Up to 2,400	9,200 "	90x121

*Inside chase dimensions.
†Floor space with tables included.

[1]Chandler & Price Co.
[2]Craftsmen Machinery Co.
[4]Brandtjen & Kluge, Inc.
[41]Thomson-National Press Co.
[46]Heidelberg Automatic Presses

ROLL-FEED HIGH SPEED PLATEN MACHINES

MAKE AND MODEL	Max. Web Width (Inches)	Inside Chase Dimensions (Inches)	Max. Paper Feed	Number feeds possible	Impressions Per Hour	Weight Equipped	Floor Space
Kluge A-K Continuous Forms Press[4]	19	12 x18	.....	.....	3,500	2,950 lbs.	46x63
New Era Multi-Process 6x6[11]	7	6 3/32x 7	.....	1 or 2	8,000	.....	.....
New Era Multi-Process 9x12[11]	13	10 x13	.....	1, 2 or 3	7,500	.....	.....
New Era Multi-Process 12x12[11]	13	13 x13	.....	1, 2 or 3	7,500	.....	.....
New Era Multi-Process 12x18[11]	19	13 x19	.....	1, 2 or 3	7,500	.....	.....
New Era Data Processing Card Press[11]	3 11/16	3¾x16	.....	.....	11,000	.....	.....
New Era Data Processing Card Press[11]	3 11/16	3¾x 9	.....	.....	12,000	.....	.....

These presses are built in units so any number of colors can be printed on the top or bottom. Units for punching, perforating, slitting, die cutting, numbering, putting on reinforcing, patching and eyeletting tags, delivering the finished product cut-off, rewound, or zig-zag folded complete in one operation.

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ROLL-FEED HIGH SPEED PLATEN MACHINES—(Continued from Preceding Page)

MAKE AND MODEL	Max. Web Width (Inches)	Max. Ptg. Area (Inches)	Max. Paper Feed p.l.	Number feeds possible p.l.	Impressions Per Hour	Weight Equipped	Floor Space
Pearce Multi-Converter[42] ..... For printing and fabricating tags, tickets and labels. Press can be made with any number of printing units, for one or two side printing.	16	12 x14	12	8	Max. 6,000	Dependent on press	
	Chase Size (Inches)						
Young Hypromatic Press[34] ..... Will print any number of colors, front or back.	4x 8	.....	.....	.....	12,000	.....	.....
	7x11	.....	.....	.....	12,000	.....	.....
	8x16	.....	.....	.....	9,000	.....	.....
Young Cloth Label Press[34]	7x14, 8x16, 9x22	.....	.....	.....	.....	.....	.....

[4]Brandtjen & Kluge, Inc. [11]New Era Mfg. Co. [34]Young Engineering Co. [42]Pearce Development Co.

ENVELOPE PRESSES

MAKE AND MODEL	Max. Blank Size (Inches)	Min. Blank Size (Inches)	Maximum Type Form (Inches)	Impressions Per Hour	Weight Equipped	Floor Space
Attachments available for Chandler & Price platen presses for printing died-out and made-up envelopes[1]	.....	.....	.....	.....	.....	.....
Attachments available for Brandtjen & Kluge platen presses for printing died-out and made-up envelopes are standard equipment[4]	.....	.....	.....	.....	.....	.....
Multipress Model C (Non-Rotary)[8]....	9x14	1x3	8½x11½	6,500	950 lbs.	2'x6'
Multipress Model FS (Non-Rotary)[8]...	13x18	4x9	11 x17	5,500	1,800 "	2'6"x8'
	Capacity					
Southworth Envelope Press[28] ..... For printing face and/or flap of envelope in one operation. Prints from rubber plates.	From 5s to 12s, including baronial and window.		.....	9,000 to 18,000	705 "	2½'x7'

[1]Chandler & Price Co. [8]B. Verner & Co., Inc. [28]Southworth Machine Co., Graphic Arts Div.
[4]Brandtjen & Kluge, Inc.

CYLINDER PRESSES (Single Color)

MAKE AND MODEL	Maximum Sheet (Inches)	Minimum Sheet (Inches)	Maximum Type Form (Inches)	Impressions Per Hour	Weight Equipped	Floor Space
ATF Little Giant No. 6[6]	12 x18	3¼x 5½	11¾x17½	2,500 to 5,000	2,730 lbs.	2'10"x7'4"
Banthin Automatic[38]	13 x20	3¼x 5½	12¼x19	1,800 to 4,200	2,500 "	3'2"x7'10"
Chandler & Price Cylinder Press[1] ..	12¼x18½	3¼x 5½	12 x18	Up to 5,000	2,324 "	3'5"x6'5"
Heidelberg Cylinder 21x28[46].....	21¼x28⅜	4½x 6⅜	20¼x28	2,000 to 4,000	13,464 "	6'3"x11'2"
Heidelberg Cylinder 21x28 Combination Die-Cutting and Printing[46]...	21¼x28⅜	4½x 6⅜	20¼x28	2,000 to 4,000	13,464 "	6'3"x11'2"
Heidelberg Cylinder 15 x 20½[46] ...	15 x20½	4⅛x 5⅞	14¼x20¼	2,500 to 5,000	7,950 "	4'7"x 8'4"
Mergenthaler 22[14]	18 x23	5⅞x 4⅛	17 x22	5,000	5,300 "	7'4"x4'4"x5'
Mergenthaler 31[14]	22 x31	7½x10	21¼x30	4,000	8,800 "	9'9"x6'x5'6"
Mergenthaler 38[14]	25⅝x38	10 x15	24 13/16x36¼	3,600	13,700 "	11'2"x7'8"x 5'11"
Mergenthaler 41[14]	31½x44	12 x16½	30 x42⅝	3,600	21,000 "	18'4"x8'4"x 5'11"
Miehle Vertical V-50[7]	14 x20	3¼x 5½	12¼x19-2R 13¼x19-1R	3,000 to 5,000	3,100 "	4'1 1/16"x5'2⅝"
Miehle No. 56 Letterpress[7]	42 x56	19 x25	40 x52½*	1,350 to 2,250	34,080 "	9'11 11/16"x29'3"
Miller-M.A.N. Poly-Automat 14½x20½[5]	14½x20½	5⅞x 5⅞	12⅝x20	1,400 to 5,000	4,200 "	4'2"x7'5⅝"

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CYLINDER PRESSES (Single Color)—(Continued from Preceding Page)

MAKE AND MODEL	Maximum Sheet (Inches)	Minimum Sheet (Inches)	Maximum Type Form (Inches)	Impressions Per Hour	Weight Equipped	Floor Space
Miller 20x26 (SG)[5]	20 x26	7 x10	19 1/16x25⅛	2,750 to 5,000	8,050 "	4'7"x10'2"
Miller 21x28 (SW)[5]	21 x28	8½x11	20¼x28	2,500 to 5,000	12,300 "	5'4½"x11'3"
Miller 27x41 (SY)[5]	28 x41	11 x17	25 x41†	2,400 to 4,250	20,000 "	6'7¾"x 15'10⅞"
Multipress FR[8]	9 x14	1 x 3	9 x11½	Up to 7,000	1,200 "	18"x5'8"
Tirfing 41[57]	31 x41	18¼x25⅛	30 x41	1,000 to 4,000	25,800 "	8'3"x20'6"
Tirfing 48[57]	35⅞x49⅝	19¾x23⅝	35 x48⅝	1,000 to 3,000	27,300 "	9'1½"x 25'3½"
Viking 41[57]	31 x41	18¼x25⅛	30 x41	1,000 to 4,000	23,500 "	8'3"x17'7"
Viking 48[57]	35⅞x49⅝	19¾x23⅝	35 x48⅝	1,000 to 3,000	23,400 "	9'1½"x 24'2½"

*Maximum type form locked in chase; four rollers.
†Maximum type form on bed with cylinder advanced and one form roller lifted, 27½" x 41".

[1]Chandler & Price Co.
[5]Miller Printing Machinery Co.
[8]American Type Founders, Inc.
[7]The Miehle Company, Div. Miehle-Goss-Dexter, Inc.
[5]B. Verner & Co., Inc.
[14]Mergenthaler Linotype Co.
[46]Heidelberg Automatic Presses
[57]Tirfing Printing Machinery, Inc.
[33]Banthin Engineering Co.

CYLINDER PRESSES (Two-color)

MAKE AND MODEL	Maximum Sheet (Inches)	Minimum Sheet (Inches)	Maximum Type Form (Inches)	Impressions Per Hour	Weight Equipped	Floor Space
Heidelberg Cylinder 21x28T/C Flatbed[46]	21¼x28⅝	4½x6⅜	20¼x28	2,000 to 4,000	14,560 lbs.	6'3"x11'2"
Rotary			20⅞x28			
Heidelberg Cyl. 15x20½ T/C Flatbed[46]	15 x20½	4⅛x5⅞	14¼x20¼	2,500 to 5,000	8,500 "	4'7"x 8'4"
Rotary			14 x19			
Miehle No. 56 TC Letterpress[7]	38 x56	19x25	37½x52½*	1,200 to 2,250	50,000 "	10'5 1/16"x 34'6⅝"
Miller 21x28 (TW)[5]	21 x28	8½x11	19¼x28†	2,300 to 4,600‡	15,900 "	5'6⅛"x 13'5 13/16"
Miller 27x41 (TY)[5]	27½x41	11x17	25 x41†	2,200-3,750‡	28,000 "	6'8¾"x 18'4½"

*Locked in chase; front bed, four rollers.
†Maximum type form locked on bed.
‡Two-color impressions per hour.

[5]Miller Printing Machinery Co [7]The Miehle Company, Div. Miehle-Goss-Dexter, Inc. [46]Heidelberg Automatic Presses

CUTTING AND CREASING PRESSES

MAKE AND MODEL	Maximum Sheet (Inches)	Minimum Sheet (Inches)	Maximum Form in Chase (Inches)	Impressions Per Hour	Weight Equipped	Floor Space
Champlain 14" Swing Type[15]	15†	.....	14 x14	15,000	8,000 lbs.	12'x5'
Champlain 20" Swing Type[15]	21†	.....	20 x14	15,000	13,000 "	12'x6¼'
Champlain 20" Stationary Type[15]	21	.....	20 x20	18,000	35,000 "	20'x10'
Champlain 36" Stationary Type[15]	37†	.....	36 x36	14,000	47,000 "	25'x12¼'
Champlain 44" Stationary Type[15]	45†	.....	36 x44	14,000	57,000 "	25'x13'
Champlain 54" Stationary Type[15]	55	.....	36 x54	14,000	70,000 "	25'x14'

All Champlain Cutting and Creasing Presses are equipped with automatic stripping device and can be equipped with electronic control unit for the automatic registering of a pre-printed web to die-cutting; also can be provided with any number of color units of the letterpress, flexographic or rotogravure type for production of printed, die-cut and creased, and stripped cartons in one operation.

Heidelberg 10x15 Automatic Platen Cutter and Creaser[46]	10¼x15	1½x2¾	10¼x13¾	5,000	2,200 "	5'4"x4'9"
Heidelberg 13x18 Automatic Platen Cutter and Creaser[46]	13⅜x18⅛	3½x4	12⅝x17¾	4,000	4,630 "	5'6"x6'10"
Heidelberg 13x18 Roll Leaf Embossing and Die Cutter[46]	13⅜x18⅛	3½x4	12⅝x17¾	4,000	5,021 "	6'6"x6'10"
Heidelberg 22x28 Automatic Cylinder Cutter and Creaser[46]	22 x28	4½x6⅜	21½x28	2,000 to 4,000	12,310 "	6'3"x9'7"

Two-up facilities are standard equipment on all Heidelberg Automatic cutters and creasers.

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CUTTING AND CREASING PRESSES—(Continued from Preceding Page)

MAKE AND MODEL	Maximum Sheet (Inches)	Minimum Sheet (Inches)	Maximum Form in Chase (Inches)	Impressions Per hour	Weight Equipped	Floor Space
Kluge 10x15 Automatic Die Cutting and Embossing Press[4]	12 x16	1⅞x3	10 x15	4,000	2,500 "	3'10"x5'1"
Kluge 12x18 Automatic Die Cutting and Embossing Press[4]	14 x19	1⅞x3	12⅝x18⅛	3,500	3,450 "	4'6"x5'6"
Miehle No. 70 Cutter and Creaser[7]	46¼x69½	.....	46¼x64¼	1,900	35,000 "	11'8¼"x29'2½"
Miehle No. 29 Cutter and Creaser[7]	22 x28	8½x11	20½x26	4,500	9,560 "	8'10"x15'1" (Open)
Miehle No. 76 Cutter and Creaser[7]	52 x80	.....	52 x79½	2,400	41,200 "	12'9"x30'6"
Thomson Cutting and Creasing Press, crank-action type, Style 6[41]	.....	.....	22 x32	720 to 2,160	7,648 "	.....
Thomson Cutting and Creasing Press, crank-action type, Style 6[41]	.....	.....	28 x41	750 to 2,250	9,782 "	.....
Thomson Cutting and Creasing Press, eccentric action type, Style 9-6[41]	.....	.....	28 x41	Variable Speed Motor 935 to 1,870 V. S. Transmission 793 to 2,380	With V.S. Motor Hand Clutch 12,650 Elec. Clutch 12,950 With V.S. Trans. Hand Clutch 12,790 Elec. Clutch 13,090	8'9"x9'11" 8'9"x9'11" 8'9"x9'11" 8'9"x9'11"
Thomson Cutting and Creasing Press, crank-action type, Style 6[41]	.....	.....	33 x47	630 to 1,890	15,207 lbs.	10'5"x10'9"
Thomson Cutting and Creasing Press, combination action type[41]	.....	.....	38 x54	600 to 1,800	22,790 "	11'9"x14'1"
Thomson Cutting and Creasing Press, combination action type[41]	.....	.....	44 x66	600 to 1,800	30,530 "	7'9"x11'6"

†Maximum web width in inches.

[4]Brandtjen & Kluge, Inc.
[7]The Miehle Company, Div. Miehle-Goss-Dexter, Inc.
[15]Champlain Company, Inc.
[41]Thomson-National Press Co.
[46]Heidelberg Automatic Presses

ROTARY LETTERPRESS MACHINES (Roll Feed)

MAKE AND MODEL	Max. Web Width (Inches)	Max. Ptg. Width (Inches)	Min. Cyl. Circumference (Inches)	Max. Cyl. Circumference (Inches)	Rewind Ft. Per Min.	Weight Equipped	Floor Space
ATF-Webendorfer Standard Business Forms Presses[6]	26½	26	.....	17, 22 or 28	Up to 600	.....	.....
ATF Webendorfer Variable Business Forms Press[6]	26½	26	.....	14 to 18	Up to 600	.....	.....
Designed for printing checks, blank books, office and business forms of all descriptions. Prints on tissue to lightweight board. Rewinder, folder or flat sheet delivery. For black and/or color printing on one or both sides of web up to two colors on each side of web. Operations include numbering, imprinting, hole punching, perforating, zig-zag folding and rewinding.							
Champlain 1C[15]	14	13¾	9⅓	14	150	8,000 lbs.	18' long, 3' wide, 5' high
Champlain 1G[15]	20	19⅓	8	16	400	.....	.....
Champlain 3G[15]	20	19⅓	15⅓	26	400	12,000 lbs.	20' long,
Champlain 3GHD[15]	20	19⅓	15⅓	26	800	.....	3' wide,
Champlain 2G[15]	30	29½	15⅓	31	500	.....	5'10" high
Champlain 2GHD[15]	31	30	23	31⅓	800	.....	.....
Cottrell High-Speed Magazine Presses[12] For black or multicolor printing up to six colors each side of web. Product either sheeted or folded. Folder speeds up to 2000 F.P.M. Cottrell special single side web presses for printing of bread wraps, labels, paper box printing, up to eight colors. Product rewound.							
Goss Unit, Deck or Double Ended High Speed Magazine Press[17]	As specified	As specified	As specified	As specified	Printed and folded at speeds from 750 to 2,000 f.p.m.	Dependent on size of press	
For black or color printing up to 6 colors on each side of the web. Running speeds up to 2000 ft. per min. with former or jaw collect folders. Magazine presses available to deliver 32, 48, 64, 96, 128 and 192 pages per revolution. May be equipped with right-angle or straightaway folders with pins or grippers or a combined pin and gripper design. Folders may be equipped with imprinting device, paste fountains and wire stapling devices.							
Hamilton Letter Presses[18]	As specified	As specified	As specified	As specified	Up to 750	Dependent on size of press	
Hamilton Letter Presses are available for type or offset printing of continuous forms, with one to three colors on any side, with full automatic web tension control and hole punching, cross and length perforating, numbering, slitting, with folding, rewind and cut-off deliveries.							

(*Continued on Next Page*)

ROTARY LETTERPRESS MACHINES (Roll Feed)—(Continued from Preceding Page)

MAKE AND MODEL	Max. Web Width (Inches)	Max. Ptg. Width (Inches)	Min. Cyl. Circumference (Inches)	Min. Cyl. Circumference (Inches)	Web Speed Ft. Per Min.	Weight Equipped	Floor Space
Hess & Barker (Converter-1)[19]	30	28¾	18¾	35	600	.....	.....
Hess & Barker (Converter-2)[19]	34	32¾	18¾	35	600	.....	.....
Hess & Barker (Super Converter)[19]	38½	37¼	28	44	750	.....	.....
Hess & Barker (Magazine)[19]	50	49	34	36	750	.....	.....
Hess & Barker (Super Magazine)[19]	As specified		.....	.....	1,000	.....	.....
For black and/or multicolor printing on one or both sides of web up to 6 colors. May be equipped with folder and/or sheeter with pile delivery.							
Hoe Super-Production Magazine Press[20]	As specified	As specified	As specified	As specified	Up to 1800 ft. per min. of web or as specified	.....	.....
Designed for printing up to six colors on each side of web. May be equipped with right angle or straight-away folders or former folders with pins or grippers, or a combination of pins and grippers. May be furnished with high speed sheet deliveries or rewinders, or a combination of both. Folders may be equipped with imprinting devices, paste fountains and rotary wire stitcher mechanisms. Equipped with 3-Arm reels with full automatic electric running belt tension devices and fully automatic full speed web splicing mechanisms or paper roll brackets and floating roller tension devices.							
					Rewind Ft. Per Min.		
Hudson Sharp No. "A" Series[21]	2" over ptg. width	15 to 75	10	36	100 to 1200	.....	.....
NOTE: Above Hudson-Sharp Flexographic presses built with colors in series or with color sections contacting single tympan cylinder.							
Hudson Sharp No. 3-A[21]	35	35	12	36	50 to 500	.....	.....
Oil Ink (Handles papers from 90 lb. Kraft to napkin tissue.)							
Kidder Single Stack Bow Type Press[22], 6 Colors, Model XM	67, 74	65, 72	36	48	850	125,000 lbs.	450 sq. ft.
Kidder Single Stack Bow Type Press[22], 8 colors, Model YB	67, 74	65, 72	36	48	850	150,000 "	450 sq. ft.
Kidder Double Stack Bow Type Press[22], 5, 6, 7 and 8 Colors Model XR	67, 74	65, 72	36	48	850	165,000 "	500 sq. ft.
Paper Converting Machine Co.'s 3, 4, 5, 6, 7 and 8 Color Presses[43]	10—72	70	10	36	350-800	.....	.....
Central impression cylinder, rubber plate, multi-repeat.						.....	
Paper Converting Machine Co.'s 3, 4, 5, 6, 7 and 8 Color Presses[43]	10—72	70	10	48	350-800	.....	.....
Central or multiple impression cylinder, metal plates.							
Potdevin 317[31]	21	20	10.68	21.99	270-570	17,600 lbs.	9'x22'
Potdevin 418[31]	32	31	10.68	37.80	400-700	25,000 "	7'x20'
Potdevin 63[31]	52 to 66	50 to 64	24 to 30	48 to 77	200-600	19,000-35,000 "	10'x28' (2 color) 10'x34' (4 color)
NOTE: All Potdevin oil-ink letterpress presses built to accommodate up to 4 colors.							
Schriber Presses[30]	Up to 33	Up to 32½	11	28	700	.....	.....
Speed-Flex Press, Model B[27]	15½	.....	.....	17	.....	12,000 "	15'8" long, 40" wide, 72" high
Will handle 2 webs and glue on 2 carbons; print face, imprint and number same face of 2 webs, or print and number both faces of a single web and attach carbon.							
Speed-Flex Press, Model C[27]	14	.....	.....	17	.....	3,400 "	9' long, 31" wide, 58" high
Will handle one web and one carbon; print face, imprint and number same face or print face of web, imprint back and attach carbon.							
Speed-Flex Press, Model 3C[27]	14	.....	.....	17	.....	4,300 "	9' long, 31" wide, 70" high
Will handle one web and one carbon; print face in two colors, imprint and number same face in third color; print face, print back, imprint and number face and attach carbon.							
Speed-Flex Press, Model C3C-RTR[27]	14	.....	.....	17	350	5,300 "	8' long, 31" wide, 70" high
Roll to roll three-color press with punches, perforators and electronic rewinder.							
Speed-Flex Press, Model D[27]	15½	.....	.....	17	.....	10,000 "	15'8" long, 40" wide, 72" high
Will handle one web and one carbon; print face, imprint and number same face and print back of web or print two colors face of web imprint and number same face in third color, and attach carbon.							
Speed-Flex Press, 17x26[27]	26	.....	.....	17	500	14,000 "	18' long, 51" wide, 72" high
Single web forms press with numbering, punches, perforators and rewinder and zig-zag folder. Prints two colors on face or one color each side plus number and imprint in additional color.							
Speed-Flex Press, Model B-26[27]	26	.....	.....	17	.....	17,000 "	18' long, 51" wide, 72" high
Two webs, four carbons. Will print, imprint, number, perforate and cut-off.							
Willsea Multicolor Web Press[24]	60 up	60 up	31	75	.....	22,000 "	9'x4'
Rewinding or cutting, scoring and delivering in pockets.							

[6]American Type Founders, Inc.
[12]The Cottrell Company, Sub. of Harris-Intertype Corp.
[15]Champlain Co., Inc.
[17]The Goss Company, Div. Miehle-Goss-Dexter, Inc.
[18]The Hamilton Tool Co.
[19]Hess & Barker.
[20]R. Hoe & Co., Inc.
[21]Hudson Sharp Machine Co.
[22]Kidder Press Co.
[24]Willsea Works.
[27]Puglisi-Dutro, Inc.
[30]Schriber Press Co.
[31]Potdevin Machine Co.
[43]Paper Converting Machine Co.

ROTARY LETTERPRESS MACHINES (Sheet Feed)

MAKE AND MODEL	Maximum Sheet (Inches)	Minimum Sheet (Inches)	Plate Area (Inches)	Impressions Per Hour	Weight Equipped	Floor Space
Cottrell W-SI-248 Two Color—Single Delivery[12]	36x48	24x30	35½x47½	Max. 7,000 Norm. 6,000	40,000 lbs.	30'5"x14'5"
Cottrell W-SI-259 Two Color—Single Delivery[12]	40x59	22¼x34	39½x58½	Max. 6,000 Norm. 5,000	56,000 "	34'1"x17'11"
Cottrell W-SI-272 Two Color—Single Delivery[12]	48x72	32x46	47½x71½	Max. 5,000 Norm. 4,500	66,000 "	36'6"x16'11"
Cottrell W-548 Five Color — Single Delivery[12]	36x48	24x30	35½x47½	Max. 7,000 Norm. 6,000	69,000 "	39'1"x16'6"
Cottrell W-548 DD Five Color—Double Delivery Boxboard[12]	36x48	24x30	35½x47½		77,000 "	44'7"x16'6"
Cottrell W-559 Five Color — Single Delivery[12]	40x59	25x38	39½x58½	Max. 6,000 Norm. 5,000	82,000 "	40'10"x17'11"
Cottrell W-559 DD Five Color—Double Delivery Boxboard[12]	40x59	25x38	39½x58½		90,000 "	47' x17'11"
Cottrell WA-571 Five Color—Single Delivery[12]	48x71	32x46	47½x70½	Max. 6,000 Norm. 5,000	120,000 "	43'2"x19'4"
Cottrell WA-571 DD Five Color—Double Delivery Boxboard[12]	48x71	32x46	47½x70½		126,000 "	48'2"x19'4"
Miehle No. 61 (1, 2, 3, 4, 5 and 6 Colors)[7]	42x60	22x34	.....	3,000 to 6,500	Dependent on Color Units	
Miehle No. 76 (1, 2, 3, 4, 5 and 6 Colors)[7]	52x76	28x42	.....	2,750 to 6,000	" " " "	
Miehle No. 76 Single Color with Perfecting Unit[7]	52x76	28x42	.....	2,750 to 6,000	" " " "	
Miehle No. 76 Two Color with Perfecting Unit[7]	52x76	28x42	.....	2,750 to 5,500	" " " "	
Miehle Web/Sheet Feed No. 76 (1, 2, 3, 4, 5 and 6 Colors)[7]	52x76	28x42	.....	to 6,000	" " " "	
Miehle Web/Sheet Feed No. 76 Perfecting[7]	52x76	28x42	.....	to 6,000	" " " "	

[7]The Miehle Company, Div. Miehle-Goss-Dexter, Inc.

[12]The Cottrell Company, Sub. of Harris-Intertype Corp.

ROTARY COMBINATION PRESSES (Letterpress-Offset)

MAKE AND MODEL	Max. Web Width (Inches)	Max. Ptg. Width (Inches)	Min. Cyl. Circumference (Inches)	Max. Cyl. Circumference (Inches)	Rated Speed Ft. Per Min.	Weight Equipped	Floor Space
Speed-Flex Combination Press[27]	26½	26	.....	17*	110	Varies with combinations ordered	

Rotary combination offset and rubber plate press. Can be arranged to print from an offset unit, rubber plate unit and numbering unit. Equipped to perforate in both directions, attach carbon, cutoff or rewind and can be supplied in any combination of offset or rubber units.
*Also manufactured in 21, 22, or 24 in. circumferences.

[27]Puglisi-Dutro, Inc.

OFFSET PRESSES (Single Color, Sheet Feed)

MAKE AND MODEL	Maximum Sheet (Inches)	Minimum Sheet (Inches)	Maximum Print (Inches)	Impressions Per Hour	Weight Equipped	Floor Space
ATF Chief "15"[6]	11 x15	3 x 5	9¾x13¼	3,400 to 7,200	740 lbs.	28"x61"
ATF Chief "20"[6]	14 x20	8 x10	13½x19½	3,200 to 5,500	1,750 "	44¾"x56¼"
ATF Chief "22"[6]	17½x22½	8 x10	17¼x22	2,700 to 5,500	3,200 "	54"x75"
ATF Chief "24"[6]	18 x24½	8 x10	17½x24⅜	2,700 to 6,500	3,600 "	53"x77"
ATF Chief "29"[6]	23 x29	11 x17	22½x28	3,000 to 5,000	5,700 "	63"x89"
ATF Super Chief[6]	23 x30	10 x14	22⅝x29½	to 7,000	7,600 "	78½"x97½" with platform
ATF Chief 126[6]	20 x26	10 x14	19⅝x25½	to 8,500	9,000 "	80"x103"
Banthin No. 20 Lithomatic[38]	14 x20	4⅛x 6¾	13 x17⅜	1,000 to 5,000	1,235 "	3'4"x3'5"
Color Metal Pearl "25"[40]	19 x25	8 x10	18⅛x25	8,000	7,260 "	7'7"x10'10"
Color Metal Jewel "29"[40]	23 x31½	13 x16½	22⅝x31	7,500	13,000 "	8'8"x11'7"

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OFFSET PRESSES (Single Color, Sheet Feed)—(Continued from Preceding Page)

MAKE AND MODEL	Maximum Sheet (Inches)	Minimum Sheet (Inches)	Maximum Print (Inches)	Sheets Per Hour	Weight Equipped	Floor Space
Crabtree, Mark 2[53]	24½x19½	10 x 8	24 x19	6,000	11,760 "	14'0"x5'8"
Crabtree, Mark 2A[53]	28½x21	15 x12½	28 x20½	6,000	12,880 "	14'0"x6'0"
Crabtree, Mark 6[53]	45 x33½	20 x12½	44½x33	5,000	25,200 "	19'2"x8'0"
Crabtree, Mark 8[53]	48½x36½	20 x15	48 x35¾	5,000	26,320 "	19'2"x8'4"
Crabtree, Mark 10[53]	54 x42	20 x15	53½x41½	4,500	29,680 "	21'2"x8'9"
Crabtree, Mark 12[53]	65 x41	20 x15	64½x40½	4,500	35,280 "	21'2"x9'8"
Crabtree Countess[53]	39 x26	22½x17½	38½x25½	10,000	20,000 "	17'0"x6'8"
				Impressions Per Hour		
Davidson Dual-Lith 241[54]	10 x14	3 x 5	9¾x13	6,000	625 "	28¼"x61"
Davidson Dual-A-Matic 242[54]	10 x14	3 x 5	9¾x13	6,000	650 "	28¼"x61"
Davidson Dual-Lith 251[54]	10 x14	3 x 5	9¾x13	6,000	710 "	28¼"x61"
Davidson Dual-Lith 233[54]	14 x17½	4 x 6	13 x17	5,400	830 "	65"x35"
Davidson Dual-Lith 245[54]	10 x14	3 x 5	9¾x13	6,000	585 "	28¼"x61"
Davidson Dav-A-Matic[54]	11½x14	3 x 5	10¼x13¾	6,000	410 "	36"x41"
Davidson Dual-Lith 241-W[54]	11 x17	3 x 5	10⅜x16	6,000	945 "	28¼"x61"
Harris 120 14½x20½ Single Color[25] (Feeder Pile Height, 18"; Delivery Pile Height, 18")	14½x20½	8 x10	14⅛x20	Up to 7,000	3,800 "	3'10⅜"x 5'6¼"
Harris 122A 17½x22½ Single Color[25] (Feeder Pile Height, 36"; Delivery Pile Height, 20")	17½x22½	10 x14	17⅛x22½	Up to 7,000	5,000 "	4'5"x7'10¼"
Harris 126-FR 20x26 Single Color[25] (Feeder Pile Height, 45"; Delivery Pile Height, 19")	23 x26	9 x12	22⅝x25½	Up to 8,000	7,000 "	7'2⅝"x 10'⅝"
Harris 129-TG 23x29 Single Color[25] (Feeder Pile Height, 45"; Delivery Pile Height, 19")	23 x29	9 x12	22⅝x29½	Up to 6,500	7,500 "	7'6⅝"x9'8"
Harris 129-FR 23x29 Single Color[25] (Feeder Pile Height, 45"; Delivery Pile Height, 19")	23 x29	9 x12	22⅝x29½	Up to 8,000	7,500 "	7'6⅝"x10'⅝"
Harris 136-TG 23x36 Single Color[25] (Feeder Pile Height, 48"; Delivery Pile Height, 18½")	23 x36	11 x17	22⅝x35½	Up to 6,000	8,250 "	6'10½"x 10'0"
Harris 136-FR 23x36 Single Color[25] (Feeder Pile Height, 48"; Delivery Pile Height, 18½")	23 x36	11 x17	22⅝x35½	Up to 7,000	8,250 "	6'10½"x 10'5½"
Harris 149 36x49½ Single Color[25] (Feeder Pile Height, 42"; Delivery Pile Height, 40")	36 x49½	17 x22	35⅝x49	Up to 6,500	23,900 lbs.	10'5½"x 20'5⅞"
Harris 160 43x60 Single Color[25] (Feeder Pile Height, 45"; Delivery Pile Height, 48")	43 x60	22 x34	42⅝x59½	Up to 6,500	39,200 "	13'1"x 25'2⅜"
Harris 177 54½x77 Single Color[25] (Feeder Pile Height, 49"; Delivery Pile Height, 53")	54½x77	25 x38	54⅛x76½	Up to 6,000	53,400 "	14'11"x 28'10"
Miehle No. 25 Single Color[7]	20 x26	11 x16	19⅝x26	Up to 8,000	9,700 "	7'1"x10'4"
Miehle No. 29 Single Color[7]	23 x29	11 x16	22⅝x29	Up to 7,500	10,265 "	7'4"x10'6"
Miehle No. 36 Single Color[7]	23 x36	11 x16	22⅝x35¼	Up to 7,000	11,150 "	7'10"x10'8"
Miehle No. 38 Single Color[7]	25½x38	11 x16	25⅛x38	Up to 7,000	13,250 "	8'6"x11'
Miehle No. 41 Single Color[7]	30 x42	19 x25	29⅝x42	Up to 6,800	26,500 "	12'1"x21'2⅝"
Miehle No. 49 Single Color[7]	36 x49⅝	19 x25	35⅝x49⅝	Up to 6,500	27,500 "	21'2⅝"x 12'8⅜"
Miehle 43/60 Single Color[7]	43 x60	22 x34	42½x60	Up to 6,500	44,900 "	12'10"x26'¾"
Miehle 54/77 Single Color[7]	54 x77	28 x42	53⅝x76½	Up to 6,000	58,500 "	14'3"x 27'10 13/16"
Miller-M.A.N. IV 30x42 Single Color[5]	30¾x44⅛	11 x17	30⅜x44⅛	6,800	30,000 "	10'7 15/16"x23'6"
Miller-M.A.N. V 36x48 Single Color[5]	36 x49¾	16½x23⅜	35⅝x49¾	6,500	30,800 "	11'1 7/16"x23'6"
Miller SJ 23x36 Single Color[5]	23 x36	11 x17	22½x35	7,200	9,600 "	8'8"x10'3⅝"
Royal Zenith 23 Single Color[55]	16 x23	8½x11	15⅜x22½	8,000	2,400 "	3'8"x7'
Royal Zenith 25 Single Color[55]	19½x25½	11 x14	18½x25½	8,500	3,000 "	4'x8'4"
Royal Zenith 30 Single Color[55]	23 x30	11 x14	22⅝x30	7,000	3,300 "	4'7½"x 9'9¼"

[5]Miller Printing Machinery Co.
[6]American Type Founders, Inc.
[7]The Miehle Company, Div. Miehle-Goss-Dexter, Inc.
[25]Harris-Seybold Co., Div. of Harris-Intertype Corp.
[38]Banthin Engineering Co.
[40]HCM Corporation
[53]R. W. Crabtree & Sons (Canada) Ltd.
[54]Davidson Corporation
[55]Royal Zenith Corp.

OFFSET PRESSES (Multicolor, Sheet Feed)

MAKE AND MODEL	Maximum Sheet (Inches)	Minimum Sheet (Inches)	Maximum Print (Inches)	Impressions Per Hour	Weight Equipped	Floor Space
ATF-Chief 226 Two Color[6]	20 x26	10x14	19⅝x25½	8,500	18,000 lbs.	15'x6'8"
ATF-Chief 230 Two Color[6]	23 x30	11¾x16½	22⅝x30	8,000	19,800 "	8'6"x10'4"
Color Metal Champion, Two Color[40]	25 x38	14x20	26 3/16x38 3/16	7,200	38,000 "	19'x12'
				Sheets Per Hour		
Crabtree, Mark 2, Two Color[53]	24½x19½	10x 8	24 x19	6,000	14,000 "	14'3½"x5'8"
Crabtree, Mark 2A, Two Color[53]	28½x21	15x12½	28 x20½	6,000	14,000 "	14'3½"x6'0"
Crabtree, Mark 6, Two Color[53]	45 x33½	20x12½	44½x33	5,000	33,040 "	19'5¼"x8'0"
Crabtree, Mark 8, Two Color[53]	48½x36½	20x15	48 x35¾	5,000	34,160 "	19'5¼"x8'4"
Crabtree, Mark 10, Two Color[53]	54 x42	20x15	53½x41½	4,500	43,120 "	21'3½"x8'9"
Crabtree, Mark 12, Two Color[53]	65 x41	20x15	64½x40½	4,500	49,840 "	21'3½"x9'8"
Crabtree, Mark 4, Three Color[53]	38 x25½	15x12½	37½x25	5,500	31,920 "	16'2"x7'4"
Crabtree, Mark 6, Three Color[53]	45 x33½	20x12½	44½x33	4,500	45,360 "	19'5¼"x8'0"
Crabtree, Mark 8, Three Color[53]	48½x36½	20x15	48 x35¾	4,500	47,600 "	19'5¼"x8'4"
Crabtree, Monarch, Two Color[53]	48½x36½	.....	48 x36	7,500	47,040 "	21'6"x12'0"
Crabtree, Countess[53]	39 x26	22½x17½	38½x25½	10,000	26,000 "	17'0"x6'8"
				Impressions Per Hour		
Harris 236-TG 23x36 Two Color[25] (Feeder Pile Height, 48"; Delivery Pile Height, 36½")	23 x36	11x17	22⅝x35½	Up to 6,000	13,600 "	6'10½"x16'¼"
Harris 236-FR 23x36 Two Color[25] (Feeder Pile Height, 48"; Delivery Pile Height, 36½")	23 x36	11x17	22⅝x35½	Up to 7,000	13,600 "	6'10½"x16'5¾"
Harris 238 25¾x38½ Two Color[25] (Feeder Pile Height, 48"; Delivery Pile Height, 36½")	25¾x38½	11x17	25⅝x38	Up to 7,000	22,700 "	8'9¼"x17'1"
Harris 249 36x49½ Two Color[25] (Feeder Pile Height, 42"; Delivery Pile Height, 40")	36 x49½	17x22	35⅝x49	Up to 6,500	38,200 "	12'2¼"x23'11¼"
Harris 260 43x60 Two Color[25] (Feeder Pile Height, 45"; Delivery Pile Height, 48")	43 x60	22x34	42⅝x59½	Up to 6,500	61,400 "	14'5¼"x28'11¾"
Harris 360 43x60 Three Color[25] (Feeder Pile Height, 45"; Delivery Pile Height, 48")	43 x60	22x34	42⅝x59½	Up to 6,500	97,600 "	14'5¼"x32'9¼"
Harris 460 43x60 Four Color[25] (Feeder Pile Height, 45"; Delivery Pile Height, 48")	43 x60	22x34	42⅝x59½	Up to 6,500	108,900 "	14'5¼"x36'6¾"
Harris 560 43x60 Five Color[25] (Feeder Pile Height, 45"; Delivery Pile Height, 48")	43 x60	22x34	42⅝x59½	Up to 6,500	130,100 "	14'5¼"x40'4¼"
Harris 660 43x60 Six Color[25] (Feeder Pile Height, 45"; Delivery Pile Height, 48")	43 x60	22x34	42⅝x59½	Up to 6,500	151,300 "	14'5¼"x44'1¾"
Harris 277 54½x77 Two Color[25] (Feeder Pile Height, 49"; Delivery Pile Height, 53")	54½x77	25x38	54⅛x76½	Up to 6,000	88,100 "	16'3½"x33'6 11/16"
Harris 377 54½x77 Three Color[25] (Feeder Pile Height, 49"; Delivery Pile Height, 53")	54½x77	25x38	54⅛x76½	Up to 6,000	131,100 "	16'3½"x38'1⅜"
Harris 477 54½x77 Four Color[25] (Feeder Pile Height, 49"; Delivery Pile Height, 53")	54½x77	25x38	54⅛x76½	Up to 6,000	162,100 "	16'3½"x42'7 11/16"
Harris 577 54½x77 Five Color[25] (Feeder Pile Height, 48"; Delivery Pile Height, 36½")	54½x77	25x38	54⅛x76½	Up to 6,000	193,100 "	16'3½"x47'2½"
Harris 677 54½x77 Six Color[25] (Feeder Pile Height, 49"; Delivery Pile Height, 53")	54½x77	25x38	54⅛x76½	Up to 6,000	224,100 "	16'3½"x51'7 1/16"
Hoe 50x72 1-6 Colors[20]	50 x72	28x36	49½x71½	6,000	.....	34'x19'x9'
Miehle No. 25 TC[7]	20 x26	11x16	19⅝x26	Up to 7,500	21,385 "	7'1"x10'4"
Miehle No. 29 TC[7]	23 x30	11x16	22⅝x30	Up to 7,000	22,490 "	8'1⅜"x18'4¾"
Miehle No. 38 TC[7]	25½x38	11x16	25⅛x38	Up to 7,000	23,150 "	8'6"x18'5"
Miehle No. 38-4C[7]	25½x38	11x16	25⅛x38	Up to 7,000	43,375 "	11'⅜"x27'5¾"
Miehle No. 41 TC[7]	30⅝x39	19x25	30¼x39	Up to 6,800	36,200 "	13'x22'6"
Miehle No. 41-4C[7]	30⅝x44	19x25	30¼x44	Up to 6,800	66,138 "	13'11 3/8"x32'2 7/8"
Miehle No. 49 TC[7]	36 x49⅝	19x25	35⅝x49⅝	Up to 6,500	40,150 "	13'7½"x22'6"
Miehle No. 49-4C[7]	36 x49⅝	19x25	35⅝x49⅝	Up to 6,500	74,957 "	14'6⅞"x32'2⅞"
Miehle No. 43/60-2C[7]	43 x60	22x34	42½x60	Up to 6,500	69,900 "	12'10"x30'¼"
Miehle No. 43/60-3C[7]	43 x60	22x34	42½x60	Up to 6,500	94,700 "	12'10"x34'6¾"
Miehle No. 43/60-4C[7]	43 x60	22x34	42½x60	Up to 6,500	119,200 "	12'10"x39'1¼"
Miehle No. 43/60-5C[7]	43 x60	22x34	42½x60	Up to 6,500	143,800 "	12'10"x43'7¾"
Miehle No. 43/60-6C[7]	43 x60	22x34	42½x60	Up to 6,500	167,570 "	12'10"x48'2¼"
Miehle No. 54/77-2C[7]	54 x77	28x42	53⅝x76½	Up to 6,000	90,900 "	16'3½"x33'1 11/16"
Miehle No. 54/77-3C[7]	54 x77	28x42	53⅝x76½	Up to 6,000	122,500 "	16'3½"x38'4 11/16"
Miehle No. 54/77-4C[7]	54 x77	28x42	53⅝x76½	Up to 6,000	154,500 "	16'3½"x43'7 11/16"
Miehle No. 54/77-5C[7]	54 x77	28x42	53⅝x76½	Up to 6,000	186,400 "	16'3½"x48'10 11/16"
Miehle No. 54/77-6C[7]	54 x77	28x42	53⅝x76½	Up to 6,000	218,400 "	16'3½"x54'1 11/16"

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OFFSET PRESSES (Multicolor, Sheet Feed)—(Continued from Preceding Page)

MAKE AND MODEL	Maximum Sheet (Inches)	Minimum Sheet (Inches)	Maximum Print (Inches)	Impressions Per Hour	Weight Equipped	Floor Space
Miller TPJ 23x36 2C-Perfector[5]	23 x36	11x17	22½x35	7,000 one side 6,000 both sides	19,100 "	8'8"x14'0¾"
Miller-M.A.N. IV 30x42 Two Color[5]	30¾x44⅛	19¾x25⅝*	30⅜x44⅛	6,800	45,200 "	11'2¼"x27'2¼"
Miller-M.A.N. IV 30x42 Three Color[5]	30¾x44⅛	19¾x25⅝*	30⅜x44⅛	6,800	66,200 "	11'2¼"x32'2"
Miller-M.A.N. IV 30x42 Four Color[5]	30¾x44⅛	19¾x25⅝*	30⅜x44⅛	6,800	86,000 "	11'2¼"x37'1⅛"
Miller-M.A.N. IV 30x42 Five Color[5]	30¾x44⅛	19¾x25⅝*	30⅜x44⅛	6,800	105,800 "	11'2¼"x42'1⅛"
Miller-M.A.N. V 36x48 Two Color[5]	36 x49¾	19¾x25⅝	35⅝x49¾	6,500	47,400 "	11'7¾"x27'2¼"
Miller-M.A.N. V 36x48 Three Color[5]	36 x49¾	19¾x25⅝	35⅝x49¾	6,500	69,400 "	11'7¾"x32'2"
Miller-M.A.N. V 36x48 Four Color[5]	36 x49¾	19¾x25⅝	35⅝x49¾	6,500	90,400 "	11'7¾"x37'1⅛"
Miller-M.A.N. V 36x48 Five Color[5]	36 x49¾	19¾x25⅝	35⅝x49¾	6,500	111,400 "	11'7¾"x42'1⅛"
Miller-M.A.N. VI 40x56 Two Color[5]	40¼x56	19¾x25⅝	39¾x55⅞	6,000	49,600 "	12'2"x27'7 5/16"
Miller-M.A.N. VI 40x56 Three Color[5]	40¼x56	19¾x25⅝	39¾x55⅞	6,000	72,700 "	12'2"x32'7¼"
Miller-M.A.N. VI 40x56 Four Color[5]	40¼x56	19¾x25⅝	39¾x55⅞	6,000	94,800 "	12'2"x37'7"
Miller-M.A.N. VI 40x56 Five Color[5]	40¼x56	19¾x25⅝	39¾x55⅞	6,000	115,900 "	12'2"x42'6⅝"
*Model IV two to five color presses with minimum sheet size of 16½x23⅜ available on special order.						
Royal Zenith 302[55]	23 x30	11x14	22⅝x30	7,500	5,500 "	4'7½"x15'

[6]American Type Founders, Inc.
[7]The Miehle Company, Div. Miehle-Goss-Dexter, Inc.
[5]Miller Printing Machinery Co.
[20]R. Hoe & Co., Inc.
[25]Harris-Seybold Co., Div. of Harris-Intertype Corp.
[40]HCM Corporation
[53]R. W. Crabtree & Sons (Canada) Ltd.
[55]Royal Zenith Corp.

WET and/or DRY OFFSET PRESSES (Sheet and Roll Feed)

MAKE AND MODEL	Maximum Sheet (Inches)	Minimum Sheet (Inches)	Maximum Print (Inches)	Impressions Per Hour	Weight Equipped	Floor Space
ATF Chief "22"[6]	17½x22½	8x10	17¼x22½	2,700 to 5,500	3,200 lbs.	54"x75"
ATF Chief "29"[6]	23 x29	11x17	22½x28	3,000 to 5,000	5,700 "	63"x89"
ATF Super Chief[6]	23 x30	10x14	23⅝x29¼	Up to 7,000	7,600 "	78½"x97½"
Presses designed for dry offset and wet offset printing. Plate cylinder is undercut 0.030 in. to allow for thickness of the dry offset plate. When wet offset plates are used, the plate cylinder is packed to compensate for the thinner plate.						
Levey Web Offset Presses Built to customer's specifications[56]	48 x72 or larger	Down to 18x24	.....	Up to 30,000	.....	.....

[6]American Type Founders, Inc.
[56]Fred'k H. Levey Co., Inc.

OFFSET METAL DECORATING PRESSES

MAKE AND MODEL	Maximum Sheet (Inches)	Minimum Sheet (Inches)	Maximum Print (Inches)	Impressions Per Hour	Weight Equipped	Floor Space
Harris 36x36 MDE Single Color[25]	36x36	18 x24	34¾x35¾ or 34 11/16x35¾	6,000	24,000 lbs.	10'x17'11¼"*
Harris MDF 36x36 Two Color[25]	36x36	18 x24	34¾x35¾ or 34 11/16x35¾	6,000	45,500 "	10'x26'5½"*
Harris 36x43 MDB Two Color[25]	36x43	18 x24	34¾x42¾	6,000	46,500 "	10'6"x26'5½"*
Harris 36x36 MDG Three Color[25]	36x36	18 x24	34¾x35¾ or 34 11/16x35¾	6,000	67,000 "	10'x34'11"*
Hoe Automatic Single Color Metal[20]	29x36	18¾x21	28¾x35¾	5,100	22,000 "	9'x16'x7'6"
Hoe Automatic Single Color Metal[20]	34x36	18¾x21	33¾x35¾	5,100	22,000 "	9'x16'x7'6"
Hoe Automatic Single Color Metal[20]	34x45	19 x21	33¾x44¾	4,500	24,000 "	10'x16'x7'6"
Hoe Automatic Single Color Metal[20]	38x54	20 x28	37 x53¾	1,200-4,200	33,700 "	13'x23'x10'
Hoe Automatic Single Color Metal[20]	50x72	24 x42	49 x71	1,200-4,200	60,000 "	14'x24'8"x10'
Hoe Automatic Two-Color Tandems available in all above sizes.[20]						
Hoe Automatic Four-Color Tandems available in 36" width presses.[20]						
Hoe High Speed Single Color Metal[20]	36x36	4x25½	35¾x35¾	6,000	30,000 "	16'x11'x9'
	36x43	4x25½	35¾x42¾	6,000	33,000 "	16'x11'x9'
Hoe High Speed Two-Color Tandem Metal[20]	36x36	4x25½	35¾x35¾	6,000	54,000 "	26'x11'x9'
	36x43	4x25½	35¾x42¾	6,000	.....	26'x11'x9'

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OFFSET METAL DECORATING PRESSES—(Continued from Preceding Page)

MAKE AND MODEL	Maximum Sheet (Inches)	Minimum Sheet (Inches)	Maximum Print (Inches)	Impressions Per Hour	Weight Equipped	Floor Space
Rutherford No. MP4[29]	29x36	20x24	29 x36	.....	16,900 "	7'x10'
Rutherford No. MP3[29]	29x36	18x20	29 x36	.....	16,000 "	7'x10'
Rutherford No. EMP3[29]	26x36	10x12	26 x36	.....	15,500 "	7'x10'
Rutherford 1-Color Tube Printing Machine[29]	.....	.....	.....	.....	2,285 "	45"x53"
Rutherford 2-Color Tube Printing Machine[29]	.....	.....	.....	.....	2,685 "	45"x53"
Rutherford 3-Color Tube Printing Machine[29]	.....	.....	.....	.....	3,085 "	45"x53"
Rutherford 4-Color Tube Printing Machine[29]	.....	.....	.....	.....	3,650 "	45"x53"

•Without pile feeder.

[20]R. Hoe & Co., Inc. [25]Harris-Seybold Co., Div. of Harris-Intertype Corp. [29]Rutherford Machinery Co., Div. Sun Chemical Corp.

OFFSET PRESSES (Perfecting)

MAKE AND MODEL	Maximum Sheet (Inches)	Minimum Sheet (Inches)	Maximum Print (Inches)	Impressions Per Hour	Weight Equipped	Floor Space
ATF-Mann Perfector LP-54[6]	41 x54	17x31½	40 x53½	4,500	35,400 lbs.	21'x11'6"
ATF-Solna Job Perfector[6]	18 x24½	8¼x14 5/16	17½x24⅜	6,000	6,770 "	12'5"x6'
				Sheets Per Hour		
Crabtree, Mark 2[53]	24½x19½	10x8	24 x19	6,000	14,000 "	15'6"x5'8"
Crabtree, Mark 6[53]	45 x33½	20x12½	44½x33	5,000	28,560 "	21'3"x8'6"
Crabtree, Mark 10[53]	54 x42	20x15	53½x41½	4,500	38,640 "	23'6"x8'9"
Crabtree, Mark 12[53]	65 x41	20x15	64½x40½	4,500	43,500 "	23'6"x9'9"
Crabtree, Ambassador[53]	54 x78	45x35	53½x77	5,500	104,000 "	20'8"x17'0"
				Imp. Per Hour		
Miller TPJ 23x36 Two Color-Perfector[5]	23 x36	11x17	22½x35	7,000 one side 6,000 both sides	19,100 "	8'8"x14'¾"

[5]Miller Printing Machinery Co. [6]American Type Founders, Inc. [53]R. W. Crabtree & Sons (Canada) Ltd.

WEB OFFSET PRESSES (Roll Feed)

MAKE AND MODEL	Max. Web Width (Inches)	Max. Ptg. Width (Inches)	Min. Cyl. Circumference (Inches)	Max. Cyl. Circumference (Inches)	Speed Ft. Per Min.	Weight Equipped	Floor Space
ATF Green Hornet Job Press[6]	17½	17⅛	.....	11½	500	5,000 (Two Unit) 10,000 (Four Unit)	4'x11' (Two Unit) 4'x17'6" (Four Unit)
Delivers cut sheets 11½ in. long at speeds up to 30,000 per hour.							
ATF-Webendorfer Standard Publication Presses DY[6]	36	35½	.....	22¾	Up to 1,000	.....	.....
ATF-Webendorfer Standard Publication Presses DS[6]	50	49½	.....	35	Up to 1,000	.....	.....
ATF-Webendorfer Standard Publication Presses DA[6]	38	37½	.....	23½	Up to 1,000	.....	.....
ATF-Webendorfer Standard Publication Presses[6]	38	37½	.....	25	Up to 1,000	.....	.....
ATF-Webendorfer Special Publication Presses[6]	Up to 70	.....	.....	.....	Up to 1,000	.....	.....
Designed for printing newspapers, magazines, telephone books, children's books, catalogs, tabloids, comics, etc. Imprinting, numbering, perforating, embossing, folding and rewinding operations possible. Prints one to four colors on each side of web. Flat sheet or folder delivery.							
ATF-Webendorfer Standard Business Forms Presses[6]	26	25½	.....	17, 22, or 28	Up to 600	.....	.....
Designed for printing checks, blank books, office and business forms of all descriptions. Numbering, imprinting, hole punching, perforating, zig-zag folding and rewinding operations possible. Prints one to two colors on each side of web. Will handle tissue to lightweight board. Rewinder, folder or flat sheet delivery.							
Crabtree Roll-Feed Offset Press. Built to customer's specifications[53]	.....	.....	.....	.....	.....	.....	.....
Dilts Pacemaker Model 585[28]	90	90	16	120	1,200	35,000 lbs.	180 sq. ft.
Paper basis weight range 7# tissue to 120#.							

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WEB OFFSET PRESSES (Roll Feed)—(Continued from Preceding Page)

MAKE AND MODEL	Max. Web Width (Inches)	Max. Ptg. Width (Inches)	Min. Cyl. Circumference (Inches)	Max. Cyl. Circumference (Inches)	Speed Ft. Per Min.	Weight Equipped	Floor Space
Hantscho High Speed Web Offset Presses. Built also to customer's specifications[16]	36	35½	22¾	.....	Up to 1,000	.....	.....
	38	37½	25⅛	.....	800	.....	.....
	40	39½	23 1/16	.....	800	.....	.....
	40	39½	23½	.....	800	.....	.....
	50	49½	35	.....	Up to 1,000		.....
	55	54½	38¼	.....	Up to 1,000	.....	.....
	63	62½	38¾	.....	1,000	.....	.....
Can be built as straight line perfecting presses, or as single color units with impression cylinders, arranged to print single color or up to 5 colors on each side. Can be equipped with imprinters, folders, flat sheet delivery, rewinders and other attachments. Speeds up to 1,000 f.p.m. Dry offset and rubber plate models also available.							
Harris-Cottrell Single or Multicolor Press[12]	38	.....	.....	22¾	700	.....	.....
Rubber to rubber perfecting press designed for multi-web operation to print either one or both sides of the webs. Equipped with folder for producing tabloid, magazine and two-on parallel fold. May be supplied with rewinder and/or sheeter with pile delivery.							
Harris-Cottrell Single or Multicolor Press[12]	50	.....	.....	35	1,200	.....	.....
Rubber to rubber perfecting press designed for multi-web operation to print either one or both sides of the webs. Equipped with a folder. May be supplied with rewinder and/or sheeter with pile delivery.							
Harris-Cottrell Multicolor Press[12]	50	.....	.....	43	1,200	.....	.....
Rubber to steel press designed to print either one or both sides of the web. Products delivered folded or flat sheets.							
Harris-Cottrell High-Speed Custom Built Presses[12]	.....	.....	.....	.....	.....	.....	.....
For black and/or color printing on both sides of the web up to as many as five colors on each side. Products are delivered folded or in flat sheets. Press sizes and unit combinations made to specifications.							
Hess & Barker Publication Presses[19]	36½	.....	22¾	.....	Up to 800	.....	.....
	38½	.....	22¾	.....	Up to 800	.....	.....
	35	.....	20½	.....	Up to 800	.....	.....
	38½	.....	23½	.....	Up to 800	.....	.....
	38½	.....	23 1/6	.....	.....	.....	.....
	25	.....	17⅝	.....	.....	.....	.....
Blanket to blanket presses. Hess & Barker magazine presses are also built to customer's specifications. For black and/or multicolor printing on one or both sides of web up to five colors on each side. May be equipped with folder and/or sheeter with pile delivery.							
Hoe Roll-Feed Multicolor Web Press. Built to customer's specifications[20]	As specified	As specified	As specified	As specified	Up to 1,500	Depends on Press Size	
Hoe Roll-Feed Multicolor (Aller Satellite Design) Web Offset Press. Built to customers specifications[20]	As specified	As specified	As specified	As specified	Up to 1,500	Depends on Press Size	
Levey Multicolor Publication Press[56]	83	.....	.....	47	1,500	.....	.....
(Equipped with folder or sheeter.)							
Levey Multicolor Press[56]	24	.....	.....	.....	500	.....	.....
(Equipped with rewind or sheeter.)							
Levey Variable Size Web Offset Presses[56]	.....	.....	.....	.....	.....	.....	.....
Up to 4 colors on one or both sides. May be equipped with folders, sheeters, or rewind.[56]							
Levey Publication Presses. Built to customer's specifications[56]	.....	.....	.....	28	.....	.....	.....
Miller Trailblazer Web Offset Press[5]	24	.....	.....	17, 17⅛, 18	Up to 600	.....	.....
Up to four colors on one or both sides. Available with imprinting, perforating, slitting and numbering units. Available with sheeter or rewind.							
Miehle (Perfecting)[7]	36	35½	22¾	.....	1,000	.....	.....
	36	35½	23 3/16	.....	1,000	.....	.....
	38	37½	22¾	.....	1,000	.....	.....
	38	37½	23 3/16	.....	1,000	.....	.....
	38	37½	23½	.....	1,000	.....	.....
	50	39½	35	.....	1,000	.....	.....
Schriber Web Offset Presses[30]	Up to 33	Up to 32½	11	28	750	.....	.....
Speed-Flex Offset Job Press[27]	13½	13	.....	17⅞	350	4,800 lbs.	2'9"x12'6"
Press can be arranged to print one color offset, rubber plate imprint, number with two shaft numbering equipment, perforate both ways, attach carbon, and cut-off at speed of 15,000 17" lengths per hour or 18,000 8½" lengths per hour. Can be supplied with one or more offset units arranged to print on either one or both sides of web; also with sheeters, rewinders or flat pack for continuous forms.							
Speed-Flex Journeyman[27]	.....	.....	.....	17½	.....	Varies with No. Units	Varies with No. Units
Presses are available in six colors, in 17½ in. by 13 in. and 17 in. by 26 in. sizes. The two unit 13 in. width press will print a 17½ in. by 13 in. sheet in two colors on one side of the paper or one color on each side. The two unit 26 in. width press will print a 17½ in. by 26 in. sheet with two colors on one side or one color on each side. As an alternate, it will print 17½ in. by 12 in. in two colors on both sides.							

[5]Miller Printing Machinery Co.
[6]American Type Founders, Inc.
[7]The Miehle Company, Div. Miehle-Goss-Dexter, Inc.
[12]The Cottrell Company, Sub. of Harris-Intertype Corp.
[16]George Hantscho Co., Inc.
[19]Hess & Barker
[20]R. Hoe & Co., Inc.
[23]Dilts Div., The Black-Clawson Co., Inc.
[27]Puglisi-Dutro, Inc.
[30]Schriber Press Co.
[53]R. W. Crabtree & Sons (Canada) Ltd.
[56]Machinery Div., Fred'k H. Levey Co., Inc.

NEWSPAPER PRESSES (Letterpress Rotary)

MAKE AND MODEL	Max. Web Width (Inches)	Max. Ptg. Width (Inches)	Min. Sheet Cut Length (Inches)	Max. Sheet Cut Length (Inches)	Speed Copies per hr.	Weight Equipped	Floor Space
Crabtree Supercolor[53]	As specified	As specified	As specified	As specified	60,000	Dependent on size of press	
Crabtree Viscount[53]	As specified	As specified	As specified	As specified	50,000	Dependent on size of press	
Both Crabtree Supercolor and Standard presses arranged to accommodate additional built-in color cylinders, cylinder reversing, color decks, portable color pumps. Arranged for underneath or end roll feed.							
Goss Headliner[17]	As specified	As specified	21½	23 9/16	70,000	Dependent on size of press	
Underneath or end roll feed from reels or brackets. Color by color cylinders, couples, reversible cylinders or portable fountains. Press may be equipped with Goss Reels-Tensions-Pasters and Paster Pilot controls.							
Goss Universal[17]	35	As specified	22.77	22.77	40,000	Dependent on size of press	
Semi-cylindrical plates, underneath or end roll feed. Color by color cylinders, reversible unit cylinders, removable fountain pans.							
Goss Unitube[17]	35	As specified	22.77	22.77	40,000	Dependent on size of press	
Tubular plates, underneath or end paper roll feed, color by color cylinders, reversible unit cylinders, removable fountain pans.							
Goss Dek-A-Tube[17]	35	As specified	22.77	22.77	40,000	Dependent on size of press	
Tubular plates, End Paper Roll Feed, Color by decks, reversibility, removable fountain pans.							
Goss Unit Type Multi-Color Press[17]	As specified	As specified	21 or as specified	As specified	40,000	Dependent on size of press	
Goss Deck Type Multi-Color Press[17]	As specified	As specified	21½ or as specified	As specified	40,000	Dependent on size of press	
			Cylinder Diam. (Inches)				
Hoe Color-Matic Newspaper Printing Press[20]	70 or as specified	As specified	13.684, 14.5, 15, or as specified	21½, 22¾, 23 9/16	70,000	.....	.....
Arranged to accommodate extra color cylinders, reversible cylinder equipment, extra color couples, late news and red line attachments, etc. Equipped with 3:2 or 2:1 Streamline Super-Production Anti-Friction Bearing Heavy Duty Newspaper Folders, 3-arm Reels with Fully-Automatic Electric Running Belt Tension Devices and Full-Speed Fully-Automatic Web Splicing mechanisms.							
Hoe Stream-Line Color-Convertible Press[20](*)	72½ or as specified	As specified	13.684, 14.5, 15, or as specified	21½, 22¾, 23 9/16	60,000	.....	.....
Hoe Super-Production Arch-Type Press[20](*)	72½ or as specified	As specified	13.684, 14.5, 15	21½, 22¾, 23 9/16	60,000	.....	.....
Hoe Super-Production Vertical Type Press[20](*)	72½ or as specified	As specified	13.684, 14.5, 15	21½, 22¾, 23 9/16	60,000	.....	.....
(*)All three Hoe Presses listed above are arranged to accommodate extra color cylinders, reversible cylinder equipment, extra color couples, duo (2-color) ink rails and pumps, portable color fountains, portable color pumps, four compartment pumps, late news and red line attachments, etc. Equipped with paper roll brackets and floating roller tension devices or 3-arm Reels with Fully Automatic Electric Running Belt Tension Devices and Fully Automatic Full Speed Web Splicing Mechanisms—Arranged for underneath or end roll feed.							
Hoe Super-Production Newspaper Multi-Color Press[20](*)	63 or as specified	As specified	13.684, 14.5, 15	21½, 22¾, 23 9/16	40,000	.....	.....
Hoe Universal Unit Newspaper Multi-Color Press[20](*)	72 or as specified	As specified	13.684, 14.5, 15	21½, 22¾, 23 9/16	30,000	.....	.....
Hoe Super-Production Single-Width Newspaper Multi-color Press[20](*)	36 or as specified	As specified	13.684, 14.5, 15	21½, 22¾, 23 9/16	40,000	.....	.....
(*)All three Hoe presses listed above are arranged to produce up to four printings on each side of each web or in wide variety of combinations. Equipped with paper roll brackets and Floating Roller Tension Devices or 3-arm Reels with Fully Automatic Electric Running Belt Tension Devices and Full Speed Web Splicing Mechanisms—Arranged for underneath or end roll feed.							
Hoe Printmaster Unit-type, Color-convertible, Single-Width Newspaper Press[20]	35	As specified	14½	22¾	45,000	.....	.....
Arranged to accommodate extra color cylinders, reversible cylinder equipment, duo pump ink rails, extra Compensators, etc., for both spot-color and full-color (3 colors and black) printing. The press can be arranged for either end roll feed or underneath feed equipped with paper roll brackets and Floating Roller Tension Devices.							
			Printing Diameter (Inches)	Cylinder Circum. (Inches)			
Scott Extra-High-Speed Press[13]	68 or as specified	As specified	13 11/16, 13¾, 14½, 15 or as specified	43, 43.2, 45.55, 47.12 or as specified	60,000	Depends on number of units and folders, also printing diam. of press.	
Scott High Speed Unit-type Color Press,[13] built on one level or superimposed	68 or as specified	As specified	13 11/16, 13¾, 14½, 15 or as specified	43, 43.2, 45.55, 47.12 or as specified	45,000	Depends on number of units and folders, also printing diam. of press.	
Scott High Speed Deck-type Color Press[13] Ink distribution in carriages.	68	As specified	13¼, 13 11/16, 13¾, 14½ or as specified	41.62, 43, 43.2, 45.55 or as specified	36,000	Depends on number of units and folders, also printing diam. of press.	
Scott High Speed Deck-type Color Press[13] Stationary ink distribution.	34 or as specified	As specified	13¾ or as specified	43.2 or as specified	40,000	Depends on number of decks and folders, also printing diam. of press.	

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NEWSPAPER PRESSES (Letterpress Rotary)—(Continued from Preceding Page)

MAKE AND MODEL	Max. Web Width (Inches)	Max. Ptg. Width (Inches)	Min. Sheet Cut Length (Inches)	Max. Sheet Cut Length (Inches)	Speed Copies per hr.	Weight Equipped	Floor Space
Wood Metropolitan Press[33] . . .	72 or as specified	As specified	21½	23 9/16	65,000	Dependent on size and arrangement of press.	
Underneath or end roll feed from reels or brackets. Color by Wood Four Color Unit, color couples, color cylinders, reversible unit cylinders with portable fountains.							
Wood Cosmopolitan Press[33] . .	63	As specified	22¾	22¾	36,000	Dependent on size and arrangement of press.	
With Instrasertor-Underneath or end roll feed. Color by color couples, color cylinders, reversible unit cylinders with removable fountains.							

[18]Walter Scott & Co., Div. of Wood Newspaper Machinery Corp.

[17]The Goss Company, Div. Miehle-Goss-Dexter, Inc.

[20]R. Hoe & Co., Inc.

[33]Wood Newspaper Machinery Corp.

[53]R. W. Crabtree & Sons (Canada) Ltd.

NEWSPAPER FLATBED WEB PRESSES (Roll Feed)

MAKE AND MODEL	Sheet Size (Inches)	Max. Form In Chase (Inches)	Max. Form In Bed	Impressions Per Hour	Weight Equipped	Floor Space
Goss Cox-O-Type[17]	22½ cutoff by 72 max. web	21½x17 3/16	21½"x71"	3,500	22,000 lbs.	12'5"x12'9"
Single acting press, prints up to 8 full size newspaper pages, tabloids to 16 pages, magazines (on newsprint) to 32 pages, and single or double page handbills. Double unit press will produce 10, 12, 14 or 16 pages in one section. May be arranged to print four page paper in two colors.						

[17]The Goss Company, Div. Miehle-Goss-Dexter, Inc.

NEWSPAPER PRESSES (Offset)

MAKE AND MODEL	Max. Web Width (Inches)	Max. Ptg. Width (Inches)	Min. Sheet Cut Length (Inches)	Max. Sheet Cut Length (Inches)	Speed Copies per hr.	Weight Equipped	Floor Space
Color King Press[9]	36	. . . . .	22¾	22¾	12,000	1 Unit, 7,500 2 Unit, 11,000 3 Unit, 14,500 4 Unit, 18,000	13' 22' 31' 40'
Goss Suburban Press[17]	36	As specified	22¾	22¾	12,000	Dependent on size of press	
Vanguard Press[12]	31 or 36	. . . . .	22½	22½	12,500	1 Unit, 6,400 2 Unit, 9,600 3 Unit, 12,800 4 Unit, 16,000	12' 20' 28' 36'

[9]Waste King Corp., Technical Products Div.

[12]The Cottrell Company Sub. of Harris-Intertype Corp.

[17]The Goss Company, Div. Miehle-Goss-Dexter, Inc.

FLEXOGRAPHIC PRESSES

MAKE AND MODEL	Max. Web Width (Inches)	Printing Width (Inches)	Cylinder Range (Inches)	Speed Ft. per min.	Weight Equipped	Height of Press	Floor Space
Champlain Anilox[15]—14" . . .	15	14	10 to 20	750	. . . . .	. . . . .	. . . . .
Champlain Anilox[15]—20" . . .	21	20	18 to 36	750	. . . . .	. . . . .	. . . . .
Champlain Anilox[15]—26" . . .	28	27	18 to 36	750	. . . . .	. . . . .	. . . . .
Champlain Anilox[15]—36" . . .	37	36	18 to 36	750	. . . . .	. . . . .	. . . . .
Champlain Anilox[15]—44" . . .	45	44	18 to 36	750	. . . . .	. . . . .	. . . . .
Champlain Anilox[15]—54" . . .	55	54	20 to 40	750	. . . . .	. . . . .	. . . . .
Dilts Model P-F[23]	. . . . .	24, 30, 36, 42, 48, 54, 60, 66	5 to 9	500	. . . . .	22"	35" x width
For trade mark and single color work.							

(Continued on Next Page)

FLEXOGRAPHIC PRESSES—(Continued from Preceding Page)

MAKE AND MODEL	Max. Web Width (Inches)	Printing Width (Inches)	Plate Cylinder Repeat (Inches)	Speed Ft. per. min.	Weight Equipped	Height of Press	Floor Space
Frostad Narrow Web Roll Printer—4½" 1 to 3 Colors[32]	.....	4½	9 to 18	250 plus	750 lbs.	48"	2'x4'
Frostad Narrow Web Roll Printer—6" 1 to 4 Colors[32]	.....	5½	9 to 24	250 plus	1,200 "	66"	3'x5' 3'x6'
Frostad Narrow Web Roll Printer—12" 1 to 4 Colors[32]	.....	11½	9 to 24	250 plus	1,500 to 3,000 lbs.	66"	3'x9' 3½'x6'
Frostad Narrow Web Roll Printer—15"[32]	.....	14½	9 to 24	250 plus	1,500 to 3,000 lbs.	66"	3½'x9'
Frostad Single Impression Cylinder Printer—1 to 5 Colors[32]	.....	24, 30, 36, 42 or as specified	Up to 31	150 to 600	10,000 "	9'6"	7'x20'
For printing package wraps, cellophane, foil and light papers, gum and stay tapes, pressure sensitive tapes, and narrow woven fabrics. Uses sticky-back rubber plates or metal backed rubber plates. Can be furnished with Letterpress Oil Ink Fountains or Flexographic (Liquid) Ink Fountains. All Flexographic (Liquid) Ink Fountains are equipped with syphon feed ink bottles. Free wheeling (electric motor driven) transfer and ink squeeze-off rollers; 360 deg. and ¼ in. lateral color register while running; tension controlled rewinds.							
			Printing Lengths (Inches)				
Haida Model CP 2-Color Web Press[36]	30	30	13¼ to 30	500	3,000 "	65"	3'9"x5'
			Plate Cylinder Repeat (Inches)				
Heinrich Multi-Color, Model HHH-Jet[35]	.....	25½ to 54	9 to 36	Up to 1,000	.....	10'	.....
All-purpose, high speed printer for printing up to six colors. Equipped with semi-automatic web splice, double unwinder (including mechanical roll lift), edge guide, web tension control, and surface and double friction rewinder. Available with common impression cylinder.							
Heinrich Multi-Color, Model HHH-Jet-Jr.[35]	.....	25½ to 42	9 to 31½	Up to 700	.....	10'	.....
High speed printer for printing up to six colors on cellophane, acetate, polyethylene and other films. Available with common impression cylinder.							
Heinrich Multi-Color, Model HHH-Econo-Matic[35]	.....	20 to 36	9 to 31½	Up to 500	.....	8'	.....
For printing paper up to four colors; equipped with overhead web guide and friction and surface rewinder.							
Heinrich Multi-Color, Model HHH-Flexo-Rex[35]	.....	20 to 34	9 to 25½	Up to 150 shts. per min.	.....	6'	.....
Web-fed auxiliary printer for printing up to three colors. Equipped with sheeter, pile delivery, surface rewinder and folder.							
Heinrich Multi-Color, Model HHH-Lilliput[35]	.....	9 to 20	7⅛ to 20	Up to 300	.....	5'	.....
For printing up to three colors on narrow width material (paper, cellophane, polyethylene, etc.).							
			Cylinder Range (Inches)				
Kidder Standard Flexoprinter[22], 3, 4, 5 and 6 colors	32, 44, 54	30, 42, 52	12 to 36	Up to 600	50,000 lbs.	14'	250 sq. ft.
Kidder Heavy Duty Flexoprinter[22], 4, 5 or 6 colors	44, 54, 67	42, 52, 65	12 to 36 inc.	Up to 800	75,000 "	14'	250 sq. ft.
Kidder Filmprinter[22], 3 & 4-5 & 6 colors	32, 35, 38	30, 33, 36	10 to 24 10-36 optional	535	25,000 "	11'6"	100 sq. ft.
Kidder Centraflex[22] (Central Impression)	38, 44, 56	36, 42, 54	10 to 36	750	85,000 "	14'	250 sq. ft.
			Printing Lengths (Inches)				
Levey Roll Feed Rubber Plate Press. Built to customer's specifications[56]	.....	.....	.....	.....	.....	.....	.....
*No. A-1 Stack Type[21]	25	15 to 25	10 to 30	100 to 1,000	.....	5'	.....
*No. A-2 Stack Type[21]	50	30 to 50	12 to 36	100 to 1,000	.....	6'	.....
*No. A-3 Stack Type[21]	65	45 to 65	12 to 36	100 to 1,000	.....	6'	.....
†No. B-1 Stack Type Box Board[21]	85	50 to 85	10 to 30	100 to 600	.....	5'	.....
‡No. A-4 Single Impress. Drum[21]	55	30 to 50	12 to 36	100 to 1,200	.....	10'	.....
‡No. A-6 Single Impress. Drum[21]	55	20 to 55	12 to 36	100 to 1,200	.....	13'	.....
§No. A-7 Stack Type[21]	50	20 to 50	12 to 36	100 to 700	.....	10'	.....
No. A-8 Single Impress. Drum[21]	32 and 38	30 and 36	9 to 30	to 500	.....	8'	.....
NOTE: Stack type indicates colors arranged in series. Single impression drum type indicates colors arranged around one tympan roll. Weights and floor spaces have been omitted because these are governed by size of press, number of colors, and auxiliary equipment furnished. *A-1 handles light weight materials; A-2, medium weight; A-3, heavy weight. †B-1 handles heavy papers and light weight boards. ‡A-4 and A-6 handle papers, cellophane, films, and foils. §A-7 handles papers, cellophane, films, and foils.							
Paper Converting Machine Co.'s Central Impression Cylinder Presses[43], 3, 4, 5 and 6 Colors	10-72	8-70	10-36	400-1,000	.....	.....	.....

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FLEXOGRAPHIC PRESSES—(Continued from Preceding Page)

MAKE AND MODEL	Max. Web Width (Inches)	Printing Width (Inches)	Printing Lengths (Inches)	Speed Ft. per. min.	Weight Equipped	Height of Press	Floor Space
Paper Converting Machine Co.'s Stack Type Presses[43], 2, 3, 4, 5 and 6 Colors	10-72	8-70	10-36	300-800	.....	.....	.....
Potdevin 302[31]	.....	16	6.28-13.51	200 to 800 f.p.m.	Depends on No. colors	7'	4'10"x5'6"
Potdevin 303[31]	.....	20	6.28-28.58			7'	5'2"x5'6"
Potdevin 304[31]	.....	25	6.28-28.58			7'	5'6"x5'6"
Potdevin 306[31]	.....	31	6.28-28.58			7'	6'x5'6"
Potdevin 307[31]	.....	34	6.28-28.58			7'	6'5"x5'6"
Potdevin 308[31]	.....	37	6.28-28.58			7'	6'9"x5'6"
Potdevin 309[31]	.....	39	13.19-37.06			7'	7'x6'
*Potdevin 303US and DSR[31]	.....	20	6.28-28.58			7'	7'8"x13'
*Potdevin 304US and DSR[31]	.....	25	6.28-28.58			7'	8'x13'4"
*Potdevin cellophane flexographic press equipped with unwind, slitters and dual shaft rewind. All Potdevin flexographic presses built to accommodate up to 4-colors.							
Specialty Automatic Machine Corp.'s Presses[58]	.....	40	28	Up to 300	7,000 lbs.	.....	7'x23'
Models equipped for both flexographic and letterpress printing.							
			Printing Repeat Limits (Inches)				
Wolverine Hydro-Printer 2, 3, 4, 5, or 6 colors[37]	26 to 91	.....	10 to 40 10 to 60	.....	.....	.....	.....
Wolverine Hydro-Line 2, 3, or 4 colors[37]	24 to 41	.....	10 to 40 10 to 60	.....	.....	.....	.....
Wolverine Flexo-Printer 2, 3, or 4 colors[37]	31 to 36	.....	10 to 30	.....	.....	.....	.....
Wolverine Cub-Line 2, 3, 4 or 5 colors[37]	21 to 31	.....	10 to 30	.....	.....	.....	.....
Wolverine Cub-Printer for 2 colors[37]	12 to 26	.....	10 to 30	.....	.....	.....	.....
Wolverine Flexographic Printing Unit 1 or 2 colors[37]	25 to 91	.....	10 to 40 10 to 60	.....	.....	.....	.....
Wolverine Cub-Printer Model X-120 1 and 2 colors[37]	12 to 26	.....	10 to 30	.....	.....	.....	.....
Wolverine Cub Flexographic Printing Unit, 1 and 2 colors[37]	6 to 26	.....	10 to 30	.....	.....	.....	.....
			Printing Lengths (Inches)				
Young Hypromatic 6-28[34]	.....	6-28	12 to 34	800	.....	8'	.....

[6]American Type Founders, Inc.
[15]Champlain Co., Inc.
[21]Hudson Sharp Machine Co.
[22]Kidder Press Co.
[23]Dilts Div., The Black-Clawson Co., Inc.
[31]Potdevin Machine Co.
[32]Frostad Engineering Co.
[34]Young Engineering Co.
[35]Heinrich Equipment Corp.
[36]Haida Engineering Co.
[37]Wolverine Paper Converting Machinery Corp.
[43]Paper Converting Machine Co.
[56]Machinery Div., Fred'k H. Levey Co., Inc.
[58]Specialty Automatic Machine Corp.

ROTOGRAVURE PRESSES (Roll Feed)

MAKE AND MODEL	Max. Web Width (Inches)	Max. Ptg. Width (Inches)	Min. Cyl. Circumference (Inches)	Max. Cyl. Circumference (Inches)	Rated Speed Ft. Per Min.	Weight Equipped	Floor Space
Champlain Cavalier 14[15]	15	14	10	20	Up to 750	.....	.....
Champlain Cavalier 20[15]	21	20	10	20	Up to 750	.....	.....
Champlain Cavalier 26[15]	28	27	10	20	Up to 750	.....	.....
Champlain Standard 20[15]	21	20	18	36	Up to 1,000	.....	.....
Champlain Standard 26[15]	28	27	18	36	Up to 1,000	.....	.....
Champlain Standard 36[15]	37	36	18	36	Up to 1,000	.....	.....
Champlain Standard 44[15]	45	44	18	36	Up to 1,000	.....	.....
Champlain Converter 44[15]	45	44	20	50	Up to 1,500	.....	.....
Champlain Converter 54[15]	55	54	20	50	Up to 1,500	.....	.....
Champlain V-2[15]	2¼	2	5	9	Up to 1,000	.....	.....
Champlain V-3[15]	3¼	3	5	9	Up to 1,000	.....	.....
Champlain V-4[15]	4½	4	6½	11	Up to 1,000	.....	.....

Speed of above Champlain presses depends on size of press, material and drying requirements. Floor space varies with number of color units, type reel stand and delivery equipment. Delivery available with single and multiple rewinds, sheet cutter, and carton cutter-creaser. Weight depends on number of color units and type of roll handling and delivery equipment

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ROTOGRAVURE PRESSES (Roll Feed)—(Continued from Preceding Page)

MAKE AND MODEL	Max. Web Width (Inches)	Max. Ptg. Width (Inches)	Min. Cyl. Circumference (Inches)	Max. Cyl. Circumference (Inches)	Rated Speed Ft. Per Min.	Weight Equipped	Floor Space
Cottrell Goebel Regina 670[12]	26⅜	25⅝	23⅝	37 1/16	600	.....	.....
Cottrell Goebel Regina 700[12]	28 1/32	27 15/32	23⅝	37 1/16	600	.....	.....
Cottrell Goebel Regina 800[12]	31½	30¾	27 9/16	44⅛	600	.....	.....
Cottrell Goebel Regina 900[12]	35 7/16	34 11/16	27 9/16	44⅛	600	.....	.....
Floor space and weight varies with number of color units and delivery equipment. Delivery available with single and multiple rewinds, sheeter or cutter-creaser.							
Cottrell Monotone or Multi-color[12]	.....	.....	.....	.....	.....	.....	.....
For magazine, catalog, or newspaper supplement. Speed up to 1500 F.P.M. Folder—flat delivery or rewind.							
Crabtree High-Speed Rotogravure Press. Built to customer's specifications[53]	.....	.....	.....	.....	.....	.....	.....
Fitted with variable speed doctoring, automatically maintained impression, continually circulating ink, enclosed drying hoods, water cooled pressure roller, web conditioning steam drums, completely enclosed fountains.							
Goss-Speedry Gravure[17]	94½	Limited by web width	34½	56½	Up to 1500	.....	.....
Press may be equipped with newspaper or magazine folders, rewinders, imprinting devices, etc.					Rewind Ft.p.m.		
Hoe Super-Production Rotogravure Press[20]	.....	102, or as specified	As specified	35 to 70 or as specified	Up to 1500	Dependent on size of press	
Units equipped with automatic preset impression pressure control device, reciprocating doctor arrangement, covered fountains, circulating ink system and pushbutton operated side-lay and circumferential adjustments. Can be equipped with magazine folders, newspaper type rotogravure folders, high speed sheet deliveries or rewinders, or a combination of these. Folders may be equipped with rotary wire stitcher mechanisms or paster mechanisms. Equipped with 3-Arm reels with fully automatic electric running belt tension devices and automatic full speed web splicing mechanisms or paper roll brackets and floating roller tension devices. Full width letterpress imprinter units may be furnished to operate in conjunction with rotogravure units.							
Hudson-Sharp 5-Color No. 2-RA Rotogravure Press[21]	50	50	15	36	600	.....	.....
Handles packaging films, cellophane, foils, papers and lightweight board stocks.							
Hudson-Sharp No. 3-RA Rotogravure Press[21]	90	90	25	40	600	.....	.....
Handles heavy papers and boards.							
						Weight Equipped Six Colors	
Kidder Standard Rotogravure Unit Type Press[22]	22	20	17	34	Up to 700	75,000 lbs.	
	26	24	.....	.....	.....	.....	
	32	30	.....	.....	.....	.....	
	38	36	.....	.....	.....	.....	One unit with unwind and rewind 360 sq. ft. Single unit 72 sq. ft.
Kidder Heavy Duty Rotogravure Unit Type Press[22]	38, 46, 56	36, 44, 54	22	44	Up to 1,000	130,000 lbs.	
						Weight Equipped	
Hypromatic[34]	34	34	17	34	Up to 600	4,000 lbs. per unit	22′ per unit
					Rated Speed Ft. p. m.		
Precise Rotogravure Press[45]	27 to 86	26 to 84	17	35 to 70 or as specified	Up to 1600	.....	.....
For printing newspaper or magazine publications, catalogs, labels, wrapper and carton printing on paper, boxboard, glassine, foil or cellophane. Presses furnished with mechanical or electric eye circumferential register control, motorized or hydraulic impression pressure rolls, folder, sheet delivery, or rewind. With integrated plastic coating, sheeting, slitting, embossing, perforating, rewinding and die cutting equipment.							
Precise A[45]	24	22	10	24	600	.....	.....
Precise N[45]	44	42	20	44	1,000	.....	.....
Precise NH[45]	62	60	20	44	1,000	.....	.....
Precise B[45]	102	100	22	62	1,000	.....	.....
Roto Matic[34]	8-26	26	12	42	600-1200	.....	.....
Scott High Speed Gravure[13] Hydraulic pressure and ink cooling	78	Limited by web width	35 or as specified	70 or as specified	Up to 1,600	Dependent on No. units	

[12]The Cottrell Company, Sub. of Harris-Intertype Corp.
[13]Walter Scott & Co., Div. of Wood Newspaper Machinery Corp.
[15]Champlain Co., Inc.
[17]The Goss Company, Div. of Miehle-Goss-Dexter, Inc.
[20]R. Hoe & Co., Inc.
[21]Hudson-Sharp Machine Co.
[22]Kidder Press Co.
[34]Young Engineering Co.
[45]Precise Engineering Co., The
[53]R. W. Crabtree & Sons (Canada) Ltd.

GRAVURE PRESSES (Sheet Feed)

MAKE AND MODEL	Maximum Sheet (Inches)	Minimum Sheet (Inches)	Maximum Printing Area (Inches)	Impressions Per Hour	Weight Equipped	Floor Space
Miehle No. 44 Gravure Single Color[7]	29x43	16x19	28½x42	3,000-6,000	26,825 lbs.	22'9¼"x11'2¾"
Miehle No. 44 Gravure 2-C[7]	29x43	16x19	28½x42	3,000-6,000	43,650 "	26'5"x11'2¾"
Miehle No. 44 Gravure 3-C[7]	29x43	16x19	28½x42	3,000-6,000	64,500 "	30'¾"x11'2¾"
Miehle No. 44 Gravure 4-C[7]	29x43	16x19	28½x42	3,000-5,500	85,350 "	33'8½"x11'2¾"
Waite Inverted 7x11[39]	.....	.....	7 x11	1700	9,150 "	77"x62"
Waite Inverted 8x12[39]	.....	.....	8 x12	1600	9,350 "	77"x62"
Waite Inverted 10x15[39]	.....	.....	10 x15	1500	11,350 "	80"x67"

[7]The Miehle Company, Div. Miehle-Goss-Dexter, Inc.

[39]Cronite Co., Inc.

DIE STAMPING (Steel Die Embossing) PRESSES

MAKE AND MODEL	Maximum Die Size (Inches)	Speed	Weight Equipped	Floor Space
Carver 2½x 4[39]	2½x 4	2,200	2,000 lbs.	66"x54"
Carver 3 x 8[39]	3 x 8	2,400	4,000 "	74"x64"
Carver 4½x 9[39]	4½x 9	1,800	6,500 "	69"x64"
Carver 7 x11[39]	7 x11	1,600	9,000 "	76"x80"
Carver 8 x12[39]	8 x12	1,500	12,500 "	84"x80"
Modern 2½x 4[39]	2½x 4	2,400	2,200 "	66"x53"
Modern 3 x 8[39]	3½x 8¾	3,600	3,750 "	72"x54"
Modern 5 x 9[39]	5 x 9	1,800	6,500 "	78"x50"
Modern 7 x 11[39]	7 x11	1,600	7,200 "	79"x57"
Modern 8 x12[39]	8 x12	1,500	10,500 "	90"x85"

[39]Cronite Co., Inc.

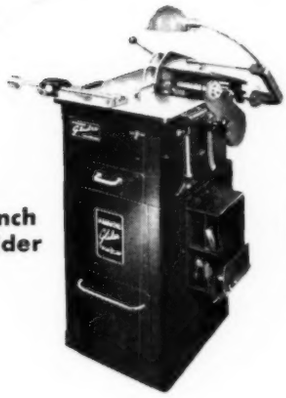
SCREEN PROCESS PRESSES

MAKE AND MODEL	Maximum Sheet (Inches)	Impressions Per Hour	Weight Equipped	Floor Space
General 18 Silk Screen Press[47]	13x20	800-3000	850 lbs.	3'x6'
General 24 Silk Screen Press[47]	19x25	800-2750	1,000 "	3'6"x7'
*General 26 Silk Screen Press[47]	20x26	1000-3500	3,750 "	11'x4'6"
General 32 Silk Screen Press[47]	22x30	800-2000	3,200 "	6'x8'
*General 34 Silk Screen Press[47]	23x34	1000-3000	4,000 "	11'6"x4'4½"
General 38 Silk Screen Press[47]	25x38	800-2000	3,800 "	6'6"x8'6"
*General 44 Silk Screen Press[47]	30x44	1800-3000	8,800 "	13'8"x8'
General 45 Silk Screen Press[47]	35x45	800-1750	5,000 "	7'4"x11'
General 52 Silk Screen Press[47]	38x52	800-1500	7,000 "	8'2"x11'
*General 58 Silk Screen Press[47]	42x58	800-2000	10,500 "	17'x9'5"
*General 64 Silk Screen Press[47]	44x64	800-2000	16,400 "	18'x13'
*General 76 Silk Screen Press[47]	52x76	800-1500	20,000 "	22'x9'6"
General Model 24A Tandem Press[47]	17x25	800-5000	1,200 "	3'6"x7'6"
Will print on paper, cover stock, plastics, films, cardboard, etc., up to 80 pts. thickness. Also light gauge metals up to 28 ga. Mechanical feeding devices may be added. Screen stencils are inserted and released on machine frame. Designed to use inks, paints, lacquers, glues or adhesives, from thin liquids to heavy, stiff pastes.				
*Will print 16 lb. bond to 10 pt. board. Special attachment for printing board up to 80 pt. Special modifications accommodate board up to 100 pt.				
General Decorator A1824[47]	20x26	800-1800	2,500 "	4'x9'
General Decorator A1836[47]	20x38	800-1800	3,000 "	5'x9'
General Decorator A2842[47]	29x43	800-1500	4,200 "	6'x9'
Will print glass, masonite, rigid plastic, plywood, etc.				
General Decorator A3636[47]	36x36	to 1800	7,500 "	16'x7'8"
General Decorator A3644[47]	36x44	to 1800	8,500 "	16'x8'4"
General Decorator A3648[47]	36x48	to 1800	9,000 "	16'x8'8"
Will print light cardboard, tinplate, sheet metal, fiberboard, sheet aluminum, sheet plastic and similar materials.				
General Decorator B1224[47]	13x25	Up to 1000	1,800 "	4'x5'
General Decorator B2430[47]	24x30	Up to 800	3,000 "	5'x7'
General Decorator B2436[47]	24x36	Up to 800	3,500 "	5'6"x7'
Will print electronic circuits and heavy catalog covers. Automatic or manually fed: either straight through continuous feeding or intermittent cycling with sheet returning to operator for inspection.				
Lawson Genie[51]	In eight sizes, from 11x16 to 52x72	300 to 1,000	400 to 900 "	3'6"x7' to 6'6"x10'
Prints on paper, cardboard, wood, masonite, metal, plastics, vinyl and textiles of any thickness. With attachment, prints on cylindrical bottles.				

[47]General Research & Supply Co.

[51]Lawson Printing Machine Co.

HAMMOND
OF KALAMAZOO
TRIM-O-SAWS



Bench Glider

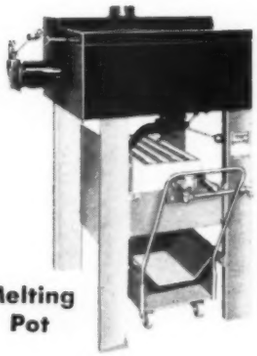
G-100 Glider

Ben Franklin

STEREO CASTING EQUIPMENT

Full • Page Electric Scorcher

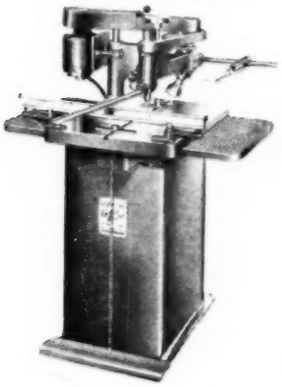
Easy Kaster 8



Melting Pot

STEREO FINISHING EQUIPMENT

Radial Router



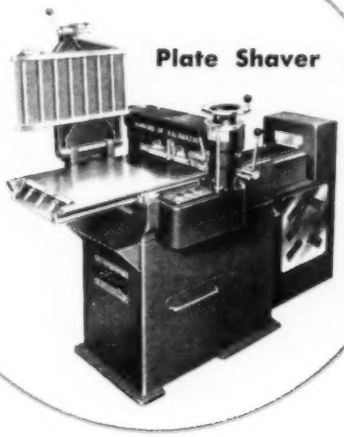


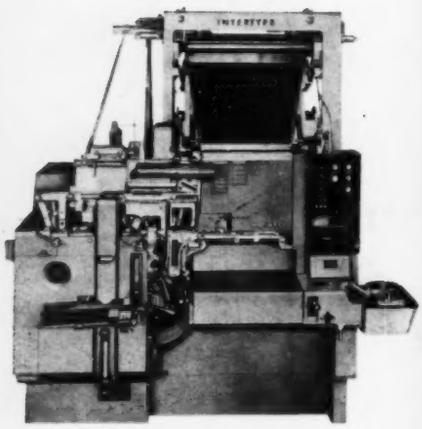
Plate Shaver

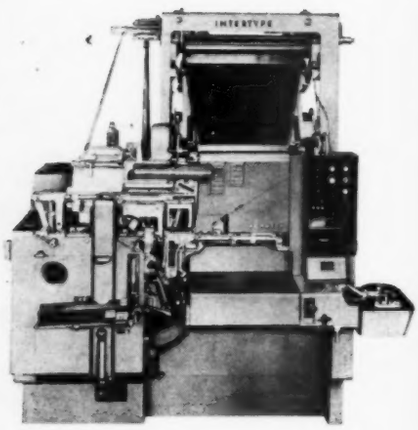
Router-Planer-Mortiser

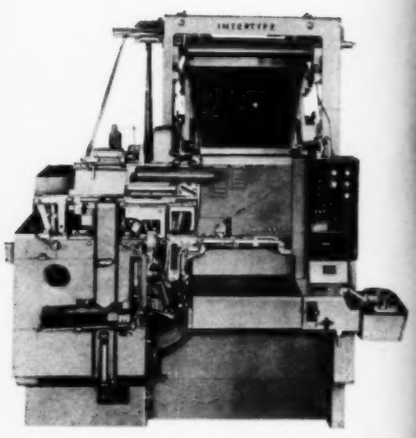
Hammond Machinery Builders INC. / 1604 DOUGLAS AVE. • KALAMAZOO, MICHIGAN

For More Information Circle 79 on Reader Service Card

1 2 3







THESE MONARCHS WILL PRODUCE MORE THAN 4 CONVENTIONAL MACHINES

HARRIS INTERTYPE CORPORATION

INTERTYPE COMPANY